

# Steven S. Morgan

821 Chatfield Way  
Heathrow, FL 32746

Phone: 407-434-9766  
Email: xerafin@yahoo.com

## Experience

January, 2006  
to  
present

### **President & CEO** **Morgan Ventures, Dealings, and Holdings**

Morgan Ventures, Dealings, and Holdings, Inc. was formed in 2006 to allow me to pursue my multiple passions and varied interests as a business professional. Clientele and revenues supported full-time employment for myself beginning in 2014.

#### **Software Engineering**

Java development, full software development life cycle, and technical documentation. Clientele includes:

#### **BabyCenter as subcontractor of Toptal**

Contributor to the international versions of the BabyCenter website as sponsored by Johnson & Johnson and used by expectant and new parents around the world.

#### **Apple as subcontractor of Catapult Consulting**

Contributor to the iTunes Connect application used by content creators to manage and sell their products and services via iTunes.

#### **Hypnosis & Neurolinguistic Programming**

Weight loss, smoking cessation, fear reduction, pain management, emotional conflict resolution, behavior modification, group sessions, seminars, spiritual exploration, education, training, and entertainment.

#### **Web Site Design & Hosting**

Static and dynamic web page design, integration with third-party services, dedicated hosting on virtual servers, domain management.

#### **Computer Repair & Training**

Installing and configuring hardware and software, cleaning and optimizing existing systems, and data backup and restoration.

July, 2013  
to  
January, 2014

### **Senior Enterprise Architect** **MGM Resorts International**

As a Senior Enterprise Architect, my responsibilities centered on translating the business strategy into an executable technology strategy, and designing production ready solutions in a speed-to-market format. My deep knowledge of all seven layers of the Open Systems Interconnection (OSI) Industry standard technology model was applied to MGM Resorts' specialization within segments of the enterprise architecture function, such as information/data, business and technical in designing high quality production-ready applications and solutions from the onset as well as leverage these solutions as stand-alone services to speed delivery in support of business partners. The design and delivery of the high quality solutions/services were implemented in 30-60-90-day continuous delivery segments following Extreme Programming and Agile Development methodologies. These services and solutions required strong testing, reliability, supportability and high availability foremost to ensure reuse and high quality optimal delivery to business partners.

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**December, 2011  
to  
May, 2013**

## **Software Architect Senior Principal Software Engineer**

**iTKO  
CA Technologies**

Responsible for development and maintenance of the LISA testing platform including the LISA Workstation, the Virtual Service Environment, and the web front-end consoles, all implemented in Java. Development process focused heavy emphasis on Agile Scrum development in two-week sprints. Technology and challenges involved SSL, Apache's HttpClient, Google Web Toolkit (GWT), internationalization (i18n) and localization (l10n), automated testing, concurrent processing, and the very large and complex codebase that comprises the LISA product line. I also pursued better real-time collaboration with co-workers which proved to be very helpful as we had a geographically diverse team, and I also emphasized better communication and retention via issue tracking.

**April, 2010  
to  
December, 2011**

## **Senior Software Engineer**

**Voxeo**

Bringing together my skills and expertise in Java along with my recent experience with voice technologies, Voxeo challenged me with design, development, and maintenance of the Tropo product. Tropo allows developers to create their own voice applications in languages they already know including Javascript, Ruby, Python, PHP, and Groovy. Voxeo hosts Tropo applications as well as allows on-site installations, so a variety of deployment strategies were required to be understood and maintained. When I came on board, Tropo was emerging from incubation and my job was to help shepherd it to maturation.

**Various  
Semesters**

**Spring, 2002  
to  
Spring, 2010**

## **Adjunct Instructor**

**Seminole State College**

Drawing on experiences in Toastmasters and in college, I presented and lectured to aspiring Java programmers at the local community college. My goal in doing so is to improve the understanding and the quality of Java developers. In the Basic Java and C++ courses I taught the fundamentals of Java syntax, object-oriented programming concepts, the Java virtual machine, Swing, and applets. In the Advanced Java course I delved into network communications, multithreading, synchronization, and multimedia and the many more complicated issues associated with them.

**December, 2005  
to  
April, 2010**

## **Staff Engineer Engineer IV**

**Intervoice  
Convergys**

At Intervoice (acquired by Convergys in 2008), I was tasked with the implementation of a pure-Java engine implementing the State Chart XML (SCXML) specification. This was a challenge particularly because the specification was still being developed, therefore predictions about the future course of the specification had to be made. High scalability and availability were important non-functional requirements as were maintainability and schedule. The implementation included integration with the Eclipse IDE, notably including integration with the Eclipse debugger. Integration of the engine with the other pieces of the Voice Portal architecture was also key, particularly our CCXML and VXML implementations. Although my team members were located in Dallas while I remained in Florida, I received strong commendations for my ability to interact and communicate effectively while accomplishing the requirements for the project.

**October, 2005  
to  
December, 2005**

## **Lead Architect**

**Persis Consulting**

Persis employed me as a telecommuter on a contract with GM OnStar utilizing object-oriented design and architecture as well as test design. I particularly was involved in the Java implementation including building, testing, and measuring code coverage with Clover.

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**August, 2004  
to  
October, 2005**

## **Software Engineering Consultant**

## **Robert Half Technology**

As a consultant to Starwood Vacation Ownership, I analyzed an external vendor's J2EE implementations of customer-facing web sites. Analysis required learning and using IBM Websphere as well as Oracle 8i. I adapted the applications' build processes to use Ant in order to standardize and automate the build, deployment, and testing processes as well as to eliminate the dependency on the costly IBM Websphere AppServer System Developer (WSAD) product. Helped to introduce software engineering processes and concepts including Extreme Programming concepts, unit tests, automation, object-oriented development, and intimate understandings of non-functional requirements and the way they dictate design decisions.

**March, 2001  
to  
August, 2004**

## **Technical Specialist II**

## **American Automobile Association**

My responsibilities consisted of deploying a Java 2 Enterprise Edition (J2EE) and Oracle-based solution to the Tourbook data repository data-entry application. Hundreds of Java Server Pages, servlets, and Enterprise Java Beans, both session and entity, coordinated in this solution with Oracle Application Server 10g as the target environment. As the need arose, I implemented source code control, issue tracking, and build management using CVS, Bugzilla, and Ant. JUnit and extreme programming methodologies produced a unit testing framework that Ant could also drive as an autonomous regression test.

Other projects recruited me to implement Java extensions to the Epic editor, stylesheet extensions, and a smaller web application consisting of JSPs and servlets deployed to Oracle Containers for J2EE. Swing, JDBC, JAXP, and the DOM model were prominently featured. I also conducted training and orientation sessions for our in-house Bugzilla implementation.

**November, 1998  
to  
March, 2001**

## **Staff Software Engineer / Team Lead**

## **Objectspace**

As Team Lead, I was responsible for both technical and managerial oversight of the critically acclaimed Voyager ORB. Many powerful and novel technologies underlay Voyager including distributed programming, dynamic code generation, multi-protocol remote proxies, mobile agents, and facets. Many of these technologies led to patent applications which I was asked to help file. Along with proprietary methods, Voyager could simultaneously interact with CORBA and RMI, even using security and transaction services. The Voyager ORB also underpinned the implementation of the Voyager Application Server, one of the first to support the entity beans specifications.

My skills as a software architect and engineer as well as a troubleshooter led to several high-profile customer-site visits, including OnStar in Detroit. Despite external pressures, I insisted on utilizing the proper application of object-oriented analysis and design methodologies and sufficient quality controls including unit testing and regression testing.

**April, 1998  
to  
October, 1998**

## **Senior Software Programmer**

## **InSys (OAO Services)**

In a very rare opportunity, I spent 6 months working from home on two 3 month contracts for InSys in Paris, France. For each, contract Insys gave me a set of requirements with a reasonable deadline and I was responsible for the rest. The requirements were based on Insys' pure-Java web browser-based document and workflow management system. The initial project utilized JDK 1.1, the Abstract Windows Toolkit (AWT), complex data structures, and serialization. In the second project I upgraded the first project to the 1.2 platform, the Java Foundation Classes (JFC, or Swing), and the Java Naming Directory Interface (JNDI).

**June, 1996  
to  
April, 1998**

## **Senior Software Engineer**

## **Harris Corporation**

At Harris, I was a key developer on Harris Network Management product line. In particular, I was the specialist in Simple Network Management Protocol (SNMP) and Telecommunications Network Management standards. When asked to explore what value Java could add, I implemented C/C++-to-Java communications via sockets and from that built a Java applet as a front-end to our monitoring system. The aesthetic appearance of the applet proved to be more popular than the original C application on which it was modeled.

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## Education

University of Florida

Gainesville, FL

August, 1994  
to  
May, 1997

### Master of Science in Computer Engineering

3.82 GPA

Thesis: "A Comparison of Simplex Method Algorithms"

Although a rather dry subject, my research into matrix methods and linear programming still generates emails and questions from around the world even to this day. It keeps my mind fresh since I have to relearn my thesis with each email! My studies also included software engineering; object-oriented analysis, design, and programming; algorithm analysis; advanced data structures; advanced operating systems; and programming language principles.

August, 1989  
to  
April, 1994

### Bachelor of Science in Engineering Science

3.58 GPA

Shunning the traditional computer engineering bachelor program for a broader and more flexible curriculum, Engineering Science led me into the core engineering courses including statics, dynamics, optics, thermodynamics, fluid dynamics, circuits, materials, and numerical analysis. With my electives, I emphasized computer courses including FORTRAN, C, operating systems, and data structures as well as higher math courses such as differential equations, linear algebra, Fourier series and transformations, and complex analysis.

### Minor in Mathematics

4.00 GPA

## Certifications

### Sun Certified Java Programmer (D58DTT2563)

May, 1999

I passed the Sun Certified Java Programmer (SCJP) exam in May, 1999. This certification is officially against the Java 1.1 release, however I have been deeply involved with every Java version from 1.0.2 in 1997 to 8.0 today. With Oracle's purchase of Sun Microsystems and their redesign of the certification process, what was the Sun Certified Java Programmer is considered equivalent to what is now the Oracle Certified Professional, Java Programmer.

## Publications

### Java Niblets

Blogging Since July, 2012

I started my Java Niblets blog to publicize various niblets of Java code that I have found to be repeatedly helpful. Some of the niblets are useful in many environments and some are particular to a personal project.

### My Toastmasters Experience

Blogging Since July, 2012

In My Toastmasters Experience blog, I write about how Toastmasters influences me and applies to my life. I also provide my perspective on Toastmasters as a way to educate others, influence ideas, and expand the subject domain.

### Mind Methods

Blogging Since August, 2012

I talk about hypnosis and neurlinguistic programming in my Mind Methods blog. Much of this is educational and informative, building on my 25 years of experience with hypnosis and its incredibly varied and useful applications.

### "Anti-Patterns In Telecommuting"

TopTal blog, December 10, 2013

In this article for TopTal, I identify a couple anti-patterns related to telecommuting and solutions to resolve them.

### "Jini to the Rescue"

IEEE Spectrum; April, 2000: 44-49.

As a Java professional, I was asked by *IEEE Spectrum* to write an article describing the emerging Jini specification. I researched the topic over a few months, wrote the article, had it reviewed, and then I revised it. The article appeared in the April, 2000 issue of *IEEE Spectrum*.

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## Affiliations

### Toastmasters International

### Advanced Toastmaster Gold, Advanced Leader Bronze

Toastmasters has helped me greatly improve my confidence, contacts, and communication. In 18 years, I have been an active member of 6 different clubs and a founding member of two of them. I have served in leadership roles many times, mentored hundreds of members, presented well over a thousand speeches, and competed in over 180 speech contests from club through district levels with the highest achievement to-date coming from my speech "Are You Smarter Than A Fifth Grader?"

### National Guild of Hypnotists

### Certified Hypnotist, 2001-2006; Instructor, 2004-2006

After many years of exploration, in September, 2001, I trained under Gerry Kien of the Omni Hypnosis Training Center. My training as an instructor came with Dr. Richard Harte of the National Guild of Hypnotists. I occasionally take clients, teach students, and give presentations as my schedule allows.

### National Federation of Neurolinguistic Psychology

### Certified Practitioner, 2003; Trainer, 2005

In August, 2003, I took training in neurolinguistic programming (NLP) with Dr. William Horton of the National Federation of Neurolinguistic Psychology. I also certified with Dr. Horton as a trainer in May, 2005.

### Board of Adjustment, Carrollton, Texas

### Board Member; July, 2000 - March 2001

I fulfilled my civic duty and my curiosity in city government and zoning by serving on the Board of Adjustment in Carrollton, Texas.

## Technical Expertise

Java / J2SE / JSE v1-v8	J2EE / JEE	Java Servlets / JSP	XML / XSLT
SCXML	Javascript	Eclipse	Concurrent Programming
Agile Scrum	Object-Oriented Design	Apache Tomcat	Ant
Log4J	CORBA	RMI	SOAP
HTTP	PHP	Distributed Programming	Groovy
Python	Ruby	HTML	Clover
Spring	JMS	Networking	Websphere
JBoss	SQL	Oracle 8i	JDBC
Dynamic Proxies	OC4J	JFC	JNDI
C/C++	SNMP	REST	AWT / Swing
GWT	SSL	MySQL	n-Tier architecture
YourKit	CCXML	JAXP	CVS
Bugzilla	Subversion	Git	Jira
Fisheye	Clearcase	SOAP	TCP / UDP
JNDI	EJB	Maven	Clearquest