A close up of a logo

Description automatically generatedA blue and green hexagon with white text

Description automatically generated **Steve Stilson** A logo for a computer company

Description automatically generated

[**Stilsons@gmail.com**](mailto:Stilsons@gmail.com)

**Oakland, CA**

**(510) 610-7267**

**[Linkedin.com/in/steve-stilson](https://www.linkedin.com/in/steve-stilson)**

[Stackoverflow.com/users/3435342/steve-stilson](https://stackoverflow.com/users/3435342/steve-stilson)

|  |  |
| --- | --- |
| **SUMMARY** | **Software Engineer | 19 Years of Experience in High-Profile Projects**  With 19 years of experience as a Software Engineer, I have developed and contributed to mission-critical applications for top-tier companies like AT&T, Wells Fargo, Google, eBay, The Gap, USPS, KQED, and PG&E. I’ve played a pivotal role in building key systems, including AT&T's network monitoring software and CIO dashboards, as well as USPS’s Post Office Boxes Online application.  My expertise spans **Full Stack Development**, **Web Development**, **System Administration**, and **Smartphone Development** (front-end and back-end). I recently completed my **Master’s in Software Engineering** from San Jose State University, where I authored a thesis combining **Music Theory** with **Data Mining**.  Highly self-motivated and detail oriented, I hold **25 professional certifications** and have taken 240 college classes in new technologies. I am eager to apply my skills and experience to help drive your organization’s success. |
| **AREAS OF EXPERTISE** | **Expert Proficiency:**   * Programming Languages & Frameworks: Java (all versions), JavaScript, J2EE, JEE, Typescript, Visual Basic, Macros (MS Excel, MS Access), HTML5, CSS3, SQL, Python, NodeJS, ColdFusion, Perl, Groovy, Scala, JSP, PHP * Development Practices: Object-Oriented Programming (OOP), Test-Driven Development (TDD), Data-Driven Testing, Agile, Continuous Integration/Delivery (CI/CD) * Version Control & Collaboration: Git, GitHub, CVS, SVN, JIRA, Confluence * Database & Query Tuning: Oracle DB, MongoDB, MySQL, JDBC, SQL query optimization * Web Technologies & Services: REST, SOAP, Web Services, CGI Scripts, JSON, AJAX, DHTMLX * Cloud Platforms & Infrastructure: AWS, Azure, GCP, Salesforce, Redshift, Docker, Kubernetes * Tools & IDEs: IntelliJ, Eclipse, Visual Studio, Jupyter Notebook, Anaconda, Xcode, Android Studio, WebSphere, WebLogic, JBOSS, IBM Rational Software Architect * Automation & Debugging: Unix shell scripting, Ant, Firebug, Rallydev, Jenkins * User Experience & Front-End Development: UI/UX Design, Debugging, HTML5, CSS3 * Operating Systems & Environments: Linux, Unix, NT Server, VMWare, Open Source Frameworks * Other Skills: Machine Learning, Artificial Intelligence, QA, Scalability, Data Structures, Algorithms, Production Support, System Administration   **Intermediate Proficiency:**   * Data Science & Analytics: Tableau, Pandas, R, MATLAB, SPSS, Minitab * Frameworks & Libraries: Spring Framework, Spring Boot, Struts, C/C++, Golang * DevOps & Infrastructure: Jenkins, Gradle, Dell Boomi, Elastic Load Balancing (ELB), Express, JMS, SQS * Additional Tools & Skills: PeopleSoft, Xcode, jQuery, Firewalls, ETL, ProPresenter, Bugzilla, WebSphere, IBM Mashups, Assembly, COBOL, ArcGIS, Visio, Lotus Notes, Remedy, Photoshop * Terminologies & Domain Expertise: Medical, Legal, Financial terminology |
| **INDUSTRY EXPERIENCE** | Senior Software Engineer, AT&T University DevOps*August 2021 – August 2024*Developed features and bug fixes, ensuring 24/7 continuous operation for 60 divisions of AT&T University, serving nearly 6 million unique visits annually.Provided full-stack development using technologies such as Java, WordPress, ServiceNow, Visual Studio Code, TypeScript, React, PHP, XAMPP, GitHub, and more.Led incident response and operational support for user needs.Mentored Junior Engineers, providing technical guidance and constructive feedback.Senior Software Engineer, PG&E*September 2019 – August 2021*Built RESTful GraphQL APIs to help customers compare and enroll in rate plans, adhering to regulatory requirements.Designed and developed database table structures, relationships, and stored procedures with advanced SQL skills.Collaborated across development, testing, and production environments using Postman, SoapUI, Java, Angular, Jenkins, WebSphere, and more.Software Engineer, Google*July 2019 – September 2019*Worked on Google’s Purchasing and Invoicing Tool, handling daily billing, shipping, and supply chain inventory.Utilized IntelliJ, Git, Java, Golang, Protocol Buffers, Blaze, Hibernate, JPA, and JUnit to develop and enhance features.Software Engineer, US Postal Service*April 2018 – June 2019*Developed complex internal messaging features for the USPS Contract Postal Unit Technology (CPUT) application, used nationwide by 3,000 postal units.Maintained and enhanced the Post Office Boxes Online system and optimized scheduling batch jobs for performance reviews.Used Java, JavaScript, Rational Application Developer, Spring Framework, JIRA, Confluence, WebSphere, and Struts.Independent Software Engineer Contractor*January 2017 – April 2018*Designed, developed, and deployed code for multiple projects across the Bay Area, working with companies like eBay, The Gap, KQED, and more.Created secure API features for online donation sites and inventory systems.Employed Java, JavaScript, JSON, Node.js, OAuth, MongoDB, Postman, and various Agile tools for different clients.Software Engineer, AT&T*August 2012 – January 2017*Contributed to multiple groups within AT&T, developing features for mobile apps, provisioning systems, HR platforms, and customer support tools.Implemented RESTful microservices, automation, and cloud integrations for various teams using technologies such as Heroku, AWS, Spring Framework, ColdFusion, and more.Built interactive dashboards using IBM Mashup Center, visualizing real-time data for executives.Earlier Roles at AT&T (2006 – 2012)Developed VBA-based dynamic reporting tools for network performance and created automated testing tools for IVR systems using J2EE, JSP, Spring Framework, Genesys and Nuance. |
| **Additional Experience** | Web Developer & Database Designer, New United Motor Manufacturing (NUMMI)Designed and developed several custom applications for NUMMI, an auto factory owned by Toyota, using C#, .NET, Visual Studio, SQL Server, Oracle, and JavaScript.Created a range of solutions, including an HR application to track employee attendance and a Knowledge Base for IT, streamlining internal processes and improving operational efficiency.Server DevOps Administrator, Wells Fargo Private Client ServicesServed as the on-call Server Administrator, providing 24/7 support for 150 servers (Windows NT, 2000, SQL, Novell, Unix) across the western US, ensuring high availability and rapid troubleshooting.Managed work order distribution among a team of seven System Administrators, reducing backlog from 400 to 90 and personally resolving escalated issues that exceeded SLA deadlines.Led third-level escalations for troubleshooting across 400 critical applications, researching and implementing solutions for complex technical problems.Performed server installations, managed backups and restorations, and pushed applications via Systems Management Server (SMS).Administered user and group permissions for file shares and print queues, while supporting inventory management of hardware and software.Editor-in-Chief, Merritt College Student NewspaperLed the student newspaper team, overseeing content quality and resolving personnel challenges to ensure smooth production.Edited articles for grammar, clarity, and perspective, setting publication standards.Did overnight production using Pagemaker, Photoshop and typesetters. |
| **CERTIFICATIONS** | * **Ranked #1** in U.C. Davis’s Computer Organization and Assembly Language course. * **Microsoft Certified IT Professional (MCITP)** and **Certified Amazon AWS Cloud Practitioner**. * **Azure Data Certified** and **Six ServiceNow Micro-certifications**, including Application Developer Core. * **Generative AI** Fundamentals Accreditation from Databricks. * **Oracle Certified Associate (OCA) in Java** and **CompTIA Server+** certified. * Certified in **iPhone App Programming** (Swift and Objective-C) and **Android Programming** from City College of San Francisco. * **Certificate in Java and C++ Programming** from City College of San Francisco. * **Certificate in Networking/Telecommunications** from City College of San Francisco. * **Microsoft Certified Desktop Support Technician (MCDST)** and **Microsoft Certified Technology Specialist (MCTS)**. * Certified in **Linux Administration**, **CompTIA Network+**, **CompTIA Storage+**, and **CompTIA CDIA+**. * Three **Microsoft Certified Professional (MCP)** certifications in Windows Administration. * **CompTIA A+ Remote Support Technician** and **Certified Inspector and Precinct Coordinator** for Alameda County Registrar of Voters. * **Lifetime GPA of 4.0** in Math and Computer Science. * **Certificate in Applied Computer Information Systems** from Berkeley City College. * **Microsoft Office Specialist (MOS)** certified in all Office applications. |
| EDUCATION | **Master of Science in Software Engineering, Emphasis in Cloud Computing *San Jose State University***   * Developed projects in Artificial Intelligence and Machine Learning. * Wrote thesis on the intersection of Music Theory, Data Quality, and Data Mining. * Earned A's in all courses except two. GPA: 3.65.   **Bachelor of Science in Computer Science, *San Francisco State University***   * Completed five minors in Information Systems, Urban Studies, Political Science, Mathematics, and Music Theory. * Ranked #1 in Computer Assembly class. GPA: 3.66. * Dean's List every full-time semester. Some classes taken at UC Davis. * Associate of Science in Computer Information Systems   **Associate of Science in Computer Information Systems with Award of Achievement,**  ***City College of San Francisco***   * Award of Achievement, GPA: 3.85. Ranked #1 in Operations Management and #2 in Statistics. * President and webmaster of the Alpha Gamma Sigma Honor Society. Tutor in the computer lab.   **Training Programs at AT&T**   * Completed training in Hadoop, MapReduce, Big Data, Boomi Atmosphere, Struts, Software-Defined Networking, SaaS, Android & iOS App Development, Salesforce, and phone & cable TV installation.   ***Walla Walla University, College Place, Washington***   * Majored in Computer Programming and Broadcasting. * Worked in the computer lab, managed a typing service, and was a student senator, chairing the Governmental Committee. * Scored in the top 2% on the ACT (SAT equivalent: 1350).   **Membership**   * Member of American MENSA. |