

John Smith

Senior Software Engineer

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Passionate about
**SOFTWARE
DEVELOPMENT**

FULL-STACK WEB DEVELOPER | EMBEDDED PROGRAMMING | VIRTUAL MACHINE DEVELOPMENT

Accomplished innovative software and systems solutions provider, expertly combining diverse experience in databases, web applications, and development lifecycle tools with cutting-edge technical skills to deliver exceptional outcomes in line with technology best practices.

A LIFELONG LEARNER WITH EXPERT PROFICIENCY IN CLOUD TECHNOLOGIES, DATA SECURITY, TOOLS, AND PROGRAMMING LANGUAGES

KEY HIGHLIGHTS

- Strengthened XYZ security systems to withstand sustained application-level attacks with no performance degradation by building comprehensive app-level DDoS mitigation system in Java with a custom rules engine
- Enabled laptop build capabilities for thousands of internal XYZ developers and increased processing speed by 5% to 10% by writing a small Maven patch to address restrictive RAM requirements
- Improved customer experience and satisfaction with Forgot/Change Password function by redesigning/rewriting flow using JavaScript and CSS, standardizing utility across all systems

SKILLS

Software Design, Architecture, and Development · Systems Design and Analysis · Application Security · Object Oriented Analysis and Design · Security and Data Integrity · Agile/Scrum · BDD (Behavior Driven Development)

Technical Skills

Linux · Windows · macOS · iOS · AWS · EC2 · SE · SQS · Oracle · MySQL · InterBase · Derby · PostgreSQL · NoSQL · MongoDB · GWT (Google Web Toolkit) · Java · Python · Ruby · RubyMotion · Ruby on Rails · C · Objective C · C++ · HTML · CSS

EXPERIENCE

XYZ, January 2015 to March 2023

Team Lead

- Utilized full stack to execute IT initiatives, including Oracle and PostgreSQL stored procedures, Java middleware and JSPs, CSS, and JavaScript front-end tasks
- Led high-profile application-level DDoS detection and mitigation group, building tools to protect company services from DDoS attacks
- Increased user satisfaction and reduced administrator-required interventions by designing and implementing authentication features
- Optimized processing time of billions of daily requests by inventing a powerful high-speed Java rules engine and custom language

- Facilitated live destructive services testing by building an attack framework in Python using distributed attack clients managed by a Ruby-based scalable command and control panel that coordinated hundreds of attack systems
- Achieved default security and modernization of legacy Java APIs and frameworks through system updates and HTML coding
- Increased capability and scalability of permissioning system by moving it to an LDAP-based role solution
- Reduced number of developer hours previously required for system build transitions by developing key features that included migrating source code generators to automate the conversion of hundreds of internal modules
- Improved development processes by building chatbot integrations

XYZ, March 2012 to November 2014

Software Architect

- Served as architect for scrum-oriented developer team building a proprietary tool to facilitate visibility into software development heartbeat using Ruby on Rails with MongoDB
- Managed full-stack development, including database, Ruby, Rails, HTML, and JavaScript, collaborating with designers to develop UI
- Developed core features and libraries for critical capabilities such as installation support and automation, activity streams interface, configuration, and more
- Set companywide scope and expectations for IT initiatives and established testing, method documentation, and mocking protocols

EARLIER EXPERIENCE

XYZ, Software Engineer III

XYZ, Senior Developer

XYZ, Senior Staff Software Engineer

EDUCATION

Bachelor of Science, XYZ University