

# Senior Software Developer

## John Crowl

### Professional summary

Experienced Software Developer with expertise in designing, developing, and maintaining applications. Proficient in Java, Python, and C++ with a strong focus on full-stack development and cloud technologies. Adept at optimizing system performance and implementing innovative solutions to improve business outcomes.

### Experience

#### Senior Software Developer

March 2020 - Now

Tech Solutions / San Francisco, CA

- Lead the development and maintenance of a suite of web applications using Java, Spring Boot, and React.js, serving over 10,000 active users monthly.
- Spearhead the migration of legacy systems to a microservices architecture, resulting in a 35% improvement in scalability and performance.
- Collaborate closely with cross-functional teams to deliver product features within Agile sprints, ensuring adherence to deadlines and quality standards.
- Improve application speed by 40% through optimizing backend queries and introducing a caching layer using Redis.
- Introduce and lead the adoption of automated testing frameworks (JUnit, Selenium), increasing test coverage by 50%.

#### Software Developer

June 2017 - February 2020

Innovative Apps / San Francisco, CA

- Designed and developed mobile applications for both iOS and Android platforms using React Native.
- Improved mobile app performance by optimizing resource usage, reducing load time by 30%.
- Assisted in maintaining continuous integration/continuous deployment (CI/CD) pipelines using Jenkins, enabling faster release cycles.
- Wrote clean, maintainable code and adhered to best coding practices, resulting in fewer bugs and a more stable production environment.

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### Education

#### Bachelor of Science in Computer Science

University of California, Berkeley

United States, Graduated: May 2017

### Certifications

- **Google Professional Cloud Architect**, August 2022
- **AWS Certified Solutions Architect – Associate**, March 2020
- **Certified Java Developer**, Oracle, June 2018

### Skills

Programming Languages: Java, Python, C++, JavaScript, SQL

Web Development: React.js, Node.js, Angular, Spring Boot

Cloud Computing: AWS, Google, Azure

Database Management: PostgreSQL, MongoDB, MySQL

Tools & Technologies: Docker, Jenkins, Git, Redis, Kubernetes

Agile methodologies, CI/CD, Microservices architecture

Unit Testing (JUnit, Selenium), Test-Driven Development (TDD)