

Caleb Saephan

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<https://www.calebsaephan.dev>

Sacramento, CA

OBJECTIVE

Passionate and motivated professional experienced in solving complex problems with efficient and effective solutions by bringing my best and learning as much as possible.

PROFESSIONAL EXPERIENCE

Nov 2023 - Present **Senior Software Engineer - Full-Stack Developer**
Sacramento, CA California, Department of Justice

Law Enforcement Applications

2023 - Present

- Upgraded the Audit Investigation Reporting application from Angular 5 to 16 which included upgrading all dependencies and refactoring old code to be compatible with modern versions.
- Upgraded 9 microservices from JDK 8 to JDK 17, Spring Boot 2.x to 3.x, and all required dependencies.
- Upgraded the Alcohol Billing Program application from JDK 8 to JDK 17 and converted JSP to Spring Boot, Spring, Thymeleaf, and Bootstrap.

Nov 2017 - Nov 2023 **Senior Software Engineer - Full-Stack Developer**
Sacramento, CA California, Franchise Tax Board

Health Care Mandate

2019 - 2023

- Developed a new application using a modern technology stack and Agile methodology to comply with California's Health Care Mandate.
- Built various frontend web applications with Vue, Node.js, and TypeScript.
- Designed and implemented scalable RESTful services in Java with vert.x, OpenAPI specifications, swagger docs, JSON and XML schemas.
- Implemented business logic and services that interact with on-prem databases and AWS storages.
- Successfully created and deployed containerized environments with Podman, Docker, nginx.
- Created and managed CI/CD pipelines with Azure DevOps for frontend applications and backend services often requiring bash or powershell scripts.

Enterprise Data Revenue - Taxpayer Folder

2017 - 2019

- Supported two application development teams in a developer role with code defects, design changes, and unit testing.
- Collaborated with analysis, testing, and data teams to successfully meet design requirements.
- Followed best practices and industry standards while knowledge sharing among peers.
- Contributed to the EDR project which generated approximately \$3.7 billion in additional revenue over 5 years and an additional \$1 billion annually.

EDUCATION

2016 - 2019 **B.S. Computer Science**
Sacramento, CA California State University, Sacramento

Coursework included cryptography techniques, security, computer architecture with Verilog, operating system principles, and computer game architecture.

SKILLS

- Experienced in Java, JSF, Spring, Spring Boot, Thymeleaf, vert.x, Azure DevOps, Git
- Experienced in SQL, Oracle Database, Microsoft SQL Server, Redis
- Experienced in TypeScript, JavaScript frameworks (Vue, Angular, React), node.js, Docker
- Familiar with C#, C++, C, Python, Go, AWS S3, Lambda, IAM, API Gateway, NoSQL, MongoDB

INTERESTS AND ACTIVITIES

- Optimization, innovation, web development, software development, and video games
- Collaborating with others on code and logic problems for fun and self-development
- Participated in ACM International Collegiate Programming Contest 2017 Regionals at UC Berkeley