

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 2017 - Present **Software Engineer - Full-Stack Developer**
Sacramento, CA **State of California, Franchise Tax Board**

Health Care Mandate

2019 - Present

- 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.js, 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 through knowledge sharing among peers.
- Utilized many enterprise tools including: IBM ClearQuest, ClearCase, Rational Application Developer, and DB2.
- Contributed to the EDR project which generated approximately \$3.7 billion in additional revenue over 5 years and an additional \$1 billion annually.

SKILLS

- Experienced in Java, JSF, vert.x, Azure DevOps, Git
- Experienced in SQL, Microsoft SQL Server, Redis
- Experienced in TypeScript, JavaScript frameworks (Vue.js, AngularJS, React.js), node.js, Docker
- Familiar with C#, C++, C, Python, Go
- Familiar with 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

EDUCATION

2016 - 2019
Sacramento, CA

B.S. Computer Science
California State University, Sacramento

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