Adonai Solomon

SENIOR SOFTWARE ENGINEER

Alameda, CA

708.964.6154

adonai.sgk@gmail.com

linkedin.com/in/adonai-solomon

Accomplished senior software engineer with 13+ years’ experience building scalable systems while minimizing risk at every level. Seasoned leader with the ability to oversee cross-functional teams while driving new initiatives, maximizing customer impact, and ensuring long-term client satisfaction. Adaptable professional with a master’s degree in computer science as well as a passion for learning new technical skills.

TECHNICAL SKILLS

**Databases**: Microsoft SQL Server, MySQL, NoSQL (MongoDB, Elasticsearch, Couchbase) **Frameworks**: NodeJS, Angular, React, Webpack Module Federation, Apollo Federation, Micro Frontend Architecture **Languages**: HTML, CSS, JavaScript, TypeScript, GraphQL
**Tools**: IntelliJ IDEA, Visual Studio Code, Jenkins, Git, GitHub, GitLab, Bitbucket, JIRA, Bamboo, Confluence, Postman, WebStorm, Jasmine, Karma, Mocha, Chai, Jest, Terraform, Serverless, Datadog, FullStory
**Web Servers/Services**: Apache Tomcat, Microsoft IIS, Node, Nginx, PM2, RESTful, SOAP, JSON

PROFESSIONAL EXPERIENCE

**SENIOR SOFTWARE ENGINEER | RIVIAN AUTOMOTIVE**

**August 2021 - Present**

Built FleetOS fleet management platform while mentoring junior employees and meeting all KPIs

* Developed several greenfield products simultaneously, leading team in establishing web applications and backend framework, linking company's internal data platform, and overseeing automated delivery and release pipelines, culminating in successful launch of over ten applications during major product release (three direct ownerships)
* Overhauled design of cumbersome document publishing workflow, employing AWS Lambda to accelerate publication process by approximately 50%, improve organization, visibility, and productivity and support various document types
* Implemented maintenance and troubleshooting runbooks for all applications while assembling monitoring systems to capture log metrics and alert on-call support when needed in order to alleviate error flagging issue
* Engineered synthetic and E2E tests to imitate real-life users and trigger alerts if operations were unsuccessful, increasing monitoring and error detection coverage from 10% of applications to 100%, slashing monitoring response times from several hours to five minutes, and reducing error recovery to just 15 minutes after detection
* Facilitated company-wide data migration by unifying teams and policies, rewriting and tweaking eight applications, and orchestrating regression testing, resulting in seamless transition period in record time (five weeks instead of project three months) as well as millions of dollars in cost savings
* Owned and created React micro frontends to run in module federation platform and built shell to host microapps
* Created GraphQL subgraph services in EKS as well as AWS backend services, including Lambdas and EKS clusters

***Technologies Used****: JavaScript, Typescript, NodeJS, React, Apollo GraphQL, AWS, Serverless, Terraform, Docker, REST, GitLab, JIRA, Confluence, Jest, Figma, Datadog, PagerDuty, FullStory*

**SENIOR SOFTWARE ENGINEER | PACIFIC GAS & ELECTRIC COMPANY (PG&E)**

**January 2020 - August 2021**

Governed Mobile Rapid Application Development team while building backend services in AWS to support multiple web and iOS product teams for one of largest combined natural gas and electric energy companies in US

* Rewrote on-premise services into AWS Lambdas with distributed resource integrations, including SNS/SQS, API Gateway, Cloudwatch, and S3, leading to successful re-launch of 10+ services on AWS over six month-period and incorporation of new service creation template into team training guides
* Delineated modern data archival strategy using Couchbase and new process for purging records, speeding up iOS data syncing from 15 minutes to under two while augmenting performance and reliability of devices
* Introduced TypeScript development to team and developed best practices and approach guidelines
* Composed scripts to validate, update, sync, and create reports in Couchbase, improving organization and efficiency
* Utilized SumoLogic to produce monitoring dashboards and alerts, elevating application stability

***Technologies Used****: JavaScript, Typescript, NodeJS, ExpressJS, AWS, Couchbase, Terraform, Docker, REST, GitHub, JIRA, Jenkins, Confluence, Jest, Ava, SumoLogic*

**SENIOR NODE DEVELOPER | SECURUS TECHNOLOGIES**

**September 2017 - January 2020**

Played central role in SecureView Tablet program by producing applications and backend services with Node, Express, Typescript, Angular, Elasticsearch and Couchbase

* Generated back-office management web application using Angular 6 and Express, streamlining administrative procedures, decreasing error rate by over 90%, and expediting client onboarding process
* Formulated, tested, and applied large-scale integration of new platform across secure, high-availability web services in order to provide consistent and positive experience to all users
* Created and containerized node backend services with Docker while using Swagger to compile API documentation
* Automated unit and integration tests using Mocha and Chai while regulating version control via Bitbucket
* Maintained legacy apps written in Angular 2 and AngularJS and infrastructure/DevOps support with Salt Stack
* Promoted to senior-level within two years for outstanding work ethic, leadership, and critical thinking abilities

***Technologies Used****: JavaScript, Typescript, AngularJS, Angular, NodeJS, ExpressJS, Elasticsearch, Couchbase, REST, Docker, Bitbucket, JIRA, Bamboo, Confluence, Mocha, Chai, Jasmine*

**CO-FOUNDER/SENIOR DEVELOPER | UNILINK, INC**

**June 2014 - June 2017**

Engineered cutting-edge, world-class applications for clients ranging from government bodies to religious institutions

* Developed business-critical web applications to enhance inventory management and transaction monitoring systems, using jQuery and AngularJS for front-end and REST and Express for backend operations
* Fashioned content management system (CMS) for academic scholars by leveraging Spring Boot and Angular

***Technologies Used****: Java, JavaScript, jQuery, HTML, CSS, Spring, Spring Boot, Hibernate, AngularJS, Angular, NodeJS, ExpressJS, MongoDB, REST, MySQL, Eclipse, JUnit, Git, Mocha, Chai, Apache, Jasmine*

**WEB APPLICATION DEVELOPER (FREELANCE) | REMOTE**

**November 2010 - June 2014**

Administered frontend, backend, UI/UX, database, and server-side scripting for numerous clients and websites

* Crafted various web applications, including Geez text editor as well as house, apartment, and car rental systems utilizing jQuery, AngularJS and NodeJS

***Technologies Used****: HTML, Bootstrap, CSS, jQuery, NodeJS, Express, JavaScript, JSON, AJAX, MySQL*

EDUCATION

**Master of Science in Computer Science**, Maharishi University of Management, Fairfield, IA, December 2020
**Bachelor of Science in Computer Engineering**, Eritrea Institute of Technology, Asmara, ER

CORE COMPETENCIES

Project Management ◆ Team Leadership ◆ Cloud Computing ◆ Problem-Solving ◆ Process Optimization
Verbal & Written Communication ◆ Software Development ◆ Troubleshooting ◆ Testing & Maintenance