

Nicholas Fallon

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San Francisco, CA

SKILLS

Technologies: AWS (Lambda, EC2, S3, SNS, SQS, DynamoDB), TypeScript, JavaScript, Angular 8+, NestJS, RxJS, Git, Jest, NgRx, Redux, Cypress, HTML5, CSS, Sass, Python, Node.js, Docker, Spectator, TestBed, Terraform, Atlassian Suite

Techniques: OOP, Agile Development, Scrum, SAFe, Responsive Design, Test-Driven Development, CI/CD Process, Version Control, Pair Programming, Linear Regression, Code Documentation

PROFESSIONAL EXPERIENCE

SOLOMON PAGE / CIGNA | SOFTWARE ENGINEER

Remote | Jul 2022 - Dec 2023

- Developed front-end and back-end software solutions to generate and deliver health insurance utilization metrics for internal stakeholders, enterprise clients, and government agencies
- Architected and implemented a system to automate the generation and distribution of PowerPoint reports to thousands of enterprise and government clients on a quarterly basis, leveraging **NestJS**, **Docker**, **AWS Lambda**, **S3**, **SQS**, **DynamoDB**, and **EC2**
- Launched a user engagement dashboard, utilizing **Angular 16**, **Python**, **PostgreSQL**, and refined **Divolte** clickstream data
- Collaborated on the development of an interactive UI of dashboards to present aggregate client insurance utilization data in a web application built with **Angular 16**, **NgRx**, **Node.js**, **NestJS**, **FusionCharts**, and various **AWS** services
- Managed the provisioning of AWS resources with **Terraform**
- Ensured maximum application stability and reliability through unit testing with **TestBed/Jest** and E2E testing with **Cypress**

DAVITA KIDNEY CARE | APPLICATIONS DEVELOPER

Denver, CO | Jun 2018 – Jul 2022

- Front-end domain expert in developing a HIPAA-compliant enterprise electronic health record system for nephrologist physicians and other healthcare providers, utilizing **Angular 10**, **TypeScript**, **Spring Boot 2**, **Jenkins**, **Keycloak**, and **Oracle**
- Designed and implemented a dashboard to chart aggregate patient health data, allowing physicians to track the health of their entire patient population over time
- Built an interactive Admin panel, providing L3 support with real-time control of user permissions
- Created a global **Redux** store to handle user-specific data across the application
- Collaborated with Product and UX design teams to align **CSS** and **Bootstrap** implementations with exact specifications, ensuring flawless integration of design elements
- Maintained a minimum unit test coverage of 90% for all new code, utilizing **Jest** and **Spectator**, while consistently improving coverage of existing code
- Implemented and maintained **Cypress** for E2E testing, including fixtures and HTTP interceptions
- Implemented **Pendo** for tracking user engagement
- Led the hiring effort to fill 3 open developer positions

EDUCATION

Bachelor of Arts, Quantitative Economics, Minor in Mathematics

Boulder, CO | May 2015

UNIVERSITY OF COLORADO BOULDER

Full Stack Immersive

Denver, CO | July 2017

GALVANIZE