

Kevin Chou

650-455-9288 | San Mateo, California | this.kevinchou@gmail.com | [Portfolio](#)

Work Experience

4/2023 - Current | PG&E, Sherlock Team | Expert Software Engineer

Takes ownership of all coding aspects. Architects new solutions for performance drains and implements changes. Moves the team forward technically by adopting new workflows and processes, coding habits and standards. Project manages PI plans by understanding the end goal and determining the path to get to the end goal. Takes initiative by researching and creating solutions whenever possible.

6/2022 - 4/2023 | Capital One, PXD Team | Principal Associate Software Engineer

AWS, Next.js

Build automated slack and email internal notification systems for multiple applications using AWS services: SQS, Lambda, SNS, and Cloudwatch. Integrate APIs into application to notify users of upcoming various tasks: access approvals, travel & expense reports, computer based training, etc. Design caching system to reduce system load on integrated APIs.

9/2021 - 5/2022 | Apple, Special Projects Team | Software Engineer

Typescript, Angular, Rxjs, Cucumber, Puppeteer

Build the automated integration testing suite.

2/2020 - 9/2021 | PG&E, Sherlock Team | Software Engineer

JavaScript, React, Node.js, GraphQL, AWS

Responsibilities include communicating to business leaders during the 2021 inspection cycle, ensuring ~60,000 high fire tier structures were inspected through the Sherlock web application for the mid year deadline, feature analysis/design/implementation, QA, on-call support, and data analysis. Make decisions on implementing frontend components and managing state in Redux. Make API decisions on communicating to the backend, database, and other servers with REST and GraphQL. 100% unit testing line coverage for both frontend and backend with Jest.

11/2016 - 5/2019 | Willis Towers Watson | Actuarial Developer

Clients: Boeing, Teledyne, Recology, Bank of the West, SVMH, Sierra Club

Developed software to solve actuarial problems. Performed data processing, analysis, validation, and reconciliation, and conducted experience studies. Modeled retirement benefits/liabilities and generated financial reports adhering to ERISA, FASB, GASB, & IAS19 standards.

Education

AWS Solutions Architect Associate (SAA-03)

App Academy | Full Stack Web Development

Society of Actuaries | Exam P, FM, MFE, MLC, Statistics, Finance, Accounting

University of Southern California | Bachelor of Arts in Economics, Music Performance