

Caleb Bratton

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(Open To Remote/Relocation)

TECHNICAL SKILLS

Skilled: JavaScript, TypeScript, React, HTML5, CSS, Go, PostgreSQL, MongoDB, Unit/Integration testing

Knowledgeable: Java, Springboot, React Native, AWS, CI/CD tools, Docker, Redis, Kafka

PROFESSIONAL EXPERIENCE

Full Stack Developer

November 2021 - Present

Dish Network

- Developed a proof of concept application using a lightweight framework to cut build size by nearly 40%
- Developed serverless event-based API utilizing Golang, AWS Lambda, Kafka, and MongoDB
- Created React Native UI adhering to product wireframes while maintaining an Agile workflow
- Developed integration tests using embedded kafka and embedded redis to work with CI/CD pipeline
- Utilized RestAssured and Mockito for integration and unit testing to ensure 80%+ code coverage
- Debugged and fixed issues in production environment throughout many Golang gRPC microservices
- Presented demonstrations of newly developed features and optimizations
- Designed and developed a business console utilizing React and Apache ECharts to plot aggregated data from over 1.6 million data points.

Software Engineer In Residence

August 2021 - November 2021

Hack Reactor

- Mentored software engineering students in JavaScript, React, and other languages through pair programming, development plans, and code reviews
- Conducted workshops covering a range of technologies including SQL, JavaScript, and React to enhance students' skill sets

Flight Attendant

January 2016 - November 2021

United Airlines

- Provided quality customer service while adhering to strict safety and security policies

SOFTWARE ENGINEERING PROJECTS

[Altitude Apparel](#) | *A front-end web page capable of dynamically rendering millions of products* (React, Javascript, Bootstrap, Axios, Node.js/Express, HTML/CSS, Jest, React Testing Library)

- Designed a visually pleasing and highly functional product information page styled with Bootstrap
- Retrieved and manipulated complex data from API and dynamically rendering using React
- Collaborated with agile environment utilizing Asana combined with daily stand-ups to stay on track

[System Design and Optimization](#) | *An optimized API service of millions of products with complex queries and several tables of data created from CSV files.* (PostgreSQL, Node.js/Express, Docker, AWS, K6)

- Generated and seeded PostgreSQL with ~10 million records and optimized queries to take < 2 ms
- Created server to serve data from database as an API service
- Tested single instance with K6 and achieved around 1000 requests per second with < 50ms response
- Deployed application using a microservice architecture on AWS

EDUCATION

Western Governors University | Computer Science

Graduating 2024

Hack Reactor | Software Engineering Immersive Program

2021