

ROHAN SAMAVEDAM

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EDUCATION

San Jose State University, B.S Software Engineering

Aug 2017 - Aug 2021

- Relevant Coursework: Data Structures and Algorithms, Object Oriented Design, DBMS, Server-Side Programming, Computer Networks, Software Quality Engineering, Enterprise Software Platforms.

EXPERIENCE

Amazon.com

Sep 2021 - Jan 2023

Software Development Engineer

San Francisco, CA

- Designed and developed features to serve millions of customers in their journey at Goodreads.com.
- Owned the delivery of features end to end, considering design documents, front-end and back-end development, integration, testing, and release.
- Collaborated with design, product, and marketing teams to address feature requests, bugs, and user accessibility tasks, thereby improving customer experience and increasing revenue by \$216k.
- Created documentation, dashboards, and updated runbooks as on-call to improve the operational processes.
- Migrated legacy Ruby on Rails features on the platform to use NextJS, ReactJS, and GraphQL.
- Leveraged Knowledge in TypeScript, ReactJS, NextJS, GraphQL, AppSync, Ruby on Rails, SQL.

Amazon.com

May 2020 - Aug 2020

Software Development Engineer Intern

Seattle, WA

- Worked with the federated identity team to develop a redirect component in their product flow.
- Built a React application that handles incoming authentication requests, displays user-specific identity providers and redirects to an identity provider following the OAuth 2.0 protocol.
- Implemented backend business logic via serverless microservices using Lambda functions, Java Spring, and Google Guice framework. Wrote unit and integration tests to test microservices using Cucumber.
- Leveraged Knowledge in ReactJS, Jest, AWS Lambda, API-Gateway, DynamoDB, CloudFront, S3.

SKILLS

Programming Languages: TypeScript, Java, JavaScript, Python, SQL

Web: Next.js, React.js, Node.js, GraphQL, Jest, HTML, CSS, Ruby on Rails

Misc: Git, Testing, CI/CD, Agile, Accessibility, Responsive Design, Docker, AWS

PROJECTS

TravSafe, React Native App github.com/TravSafe-FinalYearProject

May 2021

- Led a team of 3 to develop an app that helps travelers stay updated about their destination and route safety.
- Designed system architecture and developed the application end-to-end using AWS Amplify and React Native. All servers are auto-scaled and load balanced. Performed FE, BE, and integration testing.
- Created an algorithm that fetches real-time data from news and alert APIs to generate a travel safety score.
- Utilized: React Native, AWS Amplify, API Gateway, Cognito, DynamoDB, Lambda, Material UI.

Spartan Book's, Online Book Store github.com/Group3-SpartansBooks

Aug 2020

- Led a team of 5 to build an online platform for SJSU students to buy and sell their used textbooks.
- Created a REST API using NodeJS to read/write data to a MongoDB database. Utilized ReactJS for the front end and created unit tests using Jest and Mocha.