Jesus Salas

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Skills

My background comes with familiarities in full stack technologies like Node.js, React.js, React Native, MongoDB, and AWS. My professional experience has given me knowledge in data science, AWS cloud infrastructure, devops workflows, CI/CD, and E2E testing. Overall, I have learned to be an agile and collaborative engineer.

Experience

JUL 2022 - OCT 2023

Dolby Laboratories, San Francisco – *Software Engineer in Test*

- Created and executed E2E system integration test plans that caught bugs and found regressions before software was released into production
- Assisted in driving and coordinating software releases into production
- Converted 100% of manual test coverage into automation and kept testing runtime under five seconds for backend service
- Built automated testing by using Python and Pytest for API functional testing, Grafana's K6 API load testing for performance testing, JUnit XML for test reporting, Docker, Gitlab CI/CD, and AWS IAM/Secrets Manager for DevOps
- Helped develop functionality on a configuration validator and improved code coverage from 80% to 99% with unit testing using Golang

APR 2021 - NOV 2021

Carta Healthcare, Remote – *Data Engineer Intern*

- Created data pipelines by using Python, Numpy, and Pandas libraries for framing data to be easily ingested, and Jenkins CI/CD for code integration
- Ran local environment and integration testing by using the following technologies: Docker for compartmentalizing components and running components in parallel, Pytest tools for unit testing
- Improved robustness in data parsing and ingestion time by 5%

Projects

OCT 2023 - Present

Personal Portfolio – *Full Stack Engineer*

- Implemented MaterialUI's frontend framework and developed on top of Next.js with React lifecycle and Next APIs hooks
- Created API for downloading resume from Google Drive using Docker – Node.js images, AWS CLI, AWS ECR, AWS Lambda, and AWS API Gateway,
- Orchestrated CI/CD on Github Actions for code integration, testing with Jest and Pytest, and deploying multiple environments to Heroku

SEP 2023 - Present
AI Automated Release (Codegeist Hackathon) – *DevOps Engineer*

- Developed a DevOps app using Atlassian's Forge Cloud Platform to automate the software feature release process across Atlassian's products such as JIRA Cloud, JIRA management, and Confluence
- Implemented app functionality using Javascript, Forge's UI kit hooks and Forge's API http client
- Used MongoDB's DataAPI to store release information via REST
- Implemented OpenAI Beta API's for creating assistants, threads, and messages to summarize JIRA ticket descriptions and post those descriptions onto a Confluence page

FEB 2022 - APR 2022
Medical Scheduler – *Full Stack Engineer*

- Designed UI using Adobe Illustrator and used Trello for agile project management
- Using React framework for frontend with react-router for page navigation, inline css for component styling, react hooks for event handling
- Implemented AWS microservices like Amplify CLI for backend management, API Gateway for API endpoints, and AWS Lambda for backend logic when using REST calls to NOSQL database for medical residency records

Education

Aug 2017 - Jun 2020
University of California – Riverside, Riverside – *Computer Science B.S.*

Awards

Feb 2017 - Jun 2020
Latinos in Technology Scholarship

May 2017
Gavilan Managers and Confidentials Scholarship