

Bryan Caldeira

Software Engineer

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SKILLS

BACKEND DEVELOPMENT | TypeScript, JavaScript, Python, Go, NodeJS, ExpressJS, Django, Flask, Gin

FRONTEND DEVELOPMENT | React, React Native, Zustand, Bootstrap, MaterialUI, Styled Components

MISCELLANEOUS | Amazon AWS, AWS CloudFormation, Docker, Jenkins, CI/CD, GitHub Actions, Git, GitHub, Jira, Linux

SOFT SKILLS | Communication, Team player, Adaptability

EXPERIENCE

Niveus Solutions

Cloud Associate

2022 - 2023

- **Developed and optimized dashboard components** for an internal Asset Tracking product, enhancing usability and functionality.
- **Refactored UI components** from styled components to Material UI, reducing bundle size by 15% and improving load times.
- **Collaborated with the DevOps team** and worked with Jenkins to streamline the deployment process
- **Skills: ReactJS, JavaScript, Material UI, Styled Components, ApexChartsJS, Axios, CI/CD, Jenkins, Docker**

LTIMindtree (formerly LTI)

Data Engineer

2021 - 2022

- **Developed and maintained data pipelines** for processing and analyzing large datasets, utilizing tools such as **Python and SQL**.
- **Implemented data Extraction, Transformation, and Loading (ETL)** processes to ensure **data accuracy and availability**.
- **Skills: Python, SQL**

PROJECTS

AlertMe

- **Collaborated with a team** of 4 developers and 4 designers to build AlertMe, a mobile app that enhances public safety by alerting users to nearby construction hazards.
- **Implemented features** using React Native and Django REST, enabling real-time hazard reporting and alert creation by construction workers.
- **Delivered the MVP in 13 weeks** and deployed it using Docker, while setting up CI/CD pipelines with Docker and GitHub Actions for scalable containerization
- **Skills: React Native, Expo CLI, Django, Django REST, Geo Django, Docker, CI/CD, GitHub Actions, Postgres**
- Link: <https://bryancaldeira.dev/projects/alertme>
- System Design Blog: https://bryancaldeira.dev/blogs/alertme_system_design

EDUCATION

Langara College, Post Degree Diploma in Web Application Development

Vancouver, BC, Canada

3.58 / 4.33

May, 2023 - Aug, 2024

Vishvesvaraya Technological University, Bachelors in Computer Science and Engineering

Mangalore, KA, India

July, 2017 - Aug, 2021