

MITCHELL RILEY

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SUMMARY

Full-stack software developer with hands-on experience building cloud-based web applications and data pipelines using AWS, JavaScript, and modern frameworks. Proven ability to collaborate in small engineering teams, translate real-world system requirements into scalable software solutions, and deliver responsive, user-focused applications. Brings a strong background in communication, multilingual collaboration, and operating effectively in time-sensitive, production environments.

TECHNICAL SKILLS

Languages: English, Japanese

Programming Languages: HTML, JavaScript, CSS, Python, Swift, Dart

Databases: MySQL, MongoDB, GraphQL, Firestore, NoSQL

Cloud&Backend: AWS (EC2, Lambda, RDS, S3, API Gateway), Node.js

Frameworks: JQuery, React, Express, Mongoose, Sequelize,

PROJECTS

AWS Data Pipeline & Visualization: Built a cloud-based system ingesting BSU sensor data into MySQL (RDS) and visualizing solar array wattage reductions during cloud overpasses.

Personal Budget Tracking App: Cross-platform Flutter budgeting app with Google Sign-In and Firebase sync, plus optional client-side encryption for sensitive fields. Delivered analytics, recurring transactions, and theming across web and mobile. <https://github.com/Pherenzia/Budgeting-App>

Yokai Gacha: Cross-platform gacha RPG with yokai collection progression and privacy-first local storage on mobile and web <https://github.com/Pherenzia/Yokaigacha>

EXPERIENCE

BMS Technician

2024 – Present

VLI-EV

San Diego, CA

- Designed AWS based data ingestion and visualization system on a 3-person team, leveraging MySQL for storage and JavaScript/CSS for analyzing solar array wattage reductions during cloud overpasses.
- Supply management, inventory & invoice tracking
- Travelled overseas and to local sites for BMS installation and testing
- Communicating to mechanical and electrical engineers unaccounted for variables, temporary solutions

EDUCATION

University of California: Bootcamp Completion | Full Stack Web Development

A 12-week intensive program focused on gaining technical programming skills in HTML5, CSS3, JavaScript, JQuery, Bootstrap, Firebase, Node.js, MySQL, MongoDB, Express, Handelbars.js & ReactJS.