

Jonathan Vallejo

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Summary

Software engineer with hands-on experience building, deploying, and maintaining production web systems. Strong full-stack background across frontend, backend, and cloud infrastructure. Experienced contributing in fast-moving startup environments and supporting live users

Skills

Languages & Frameworks: Java, TypeScript, JavaScript, Python, C, React, React Native, Node.js

Tools & Technologies: Git, Firebase, REST APIs, Google Cloud, Linux/Bash, Vite, [Next.js](#), Nginx

Spoken Languages: English (Native), Spanish (Native), Italian & French (Advanced Conversational)

Experience

SnapMatePhoto – Software Engineering Intern

Remote | 3 Months

- Contributed to both frontend and backend development for a production web platform serving ~200 active users, with ongoing growth through marketing and user acquisition
- Managed production deployments to a live AWS EC2 instance using Nginx and Linux
- Performed code reviews for other interns to maintain code quality and consistency
- Collaborated directly with the founder on feature delivery, infrastructure decisions, and technical direction, and assisted with technical interviews for new intern candidates

Projects

Forked (Mobile Application) – Creator & Full-Stack Developer

React Native, TypeScript, Expo, Google Places API, Firebase

A solo and group-oriented mobile app to discover restaurants and attractions nearby

- Used Google Places API to fetch and display nearby places in a swipeable UI
- Integrated Firebase Auth and Firestore for login and storage

Explora (Full-Stack Minecraft Terrain Visualizer) – Creator & Full-Stack Developer

Java (Spigot), Node.js/Express, React, TypeScript, Vite

A real-time map system that visualizes Minecraft terrain in the browser by syncing game data across a Java plugin, a backend API, and a modern frontend

- Developed a Spigot plugin to capture terrain and player data with minimal server load
- Developed Node.js backend to ingest, cache and serve map and player data from multiple worlds
- Built React UI with zoomable, pannable live map and WebSocket updates
- Ensured real-time integration across JVM, Node.js, and browser for a seamless user experience

Education

B.S. in Computer Science, *California State University, Stanislaus*—May 2025

GPA: 3.56

Relevant Coursework: Data Structures, Algorithms, Operating Systems, AI, Computer Networks