

# Stephen Vallejo III

## Full-Stack Software Engineer

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## TECHNICAL SKILLS

**Proficient:** Node, Javascript, React / Redux, Git, PostgreSQL, HTML5, CSS, Firebase Express, Unix/Linux

**Knowledgeable:** Firebase, Material UI, TypeScript

## TECHNICAL PROJECTS

**Social Media Web App** | Developer | March 2023 | [Link to the project](#)

- Designed and developed the user interface using ReactJS and Material UI for responsive design.
- Implemented user authentication and authorization using Firebase authentication and authorization APIs.
- Created a real-time database schema and implemented data storage and retrieval using Firebase.
- Implemented features such as user profiles, content feeds, and user interactions using ReactJS components and Firebase APIs.
- Conducted extensive testing and debugging to ensure that the application met performance and functionality requirements
- Learning Firebase from scratch posed a significant challenge during the project's production. However, through extensive testing, teamwork, and frequent reference to Firebase's documentation, this obstacle had been overcome.

**Ecommerce Web App** | Developer | February/March 2023 | [Link to the project](#)

- Developed the user interface using ReactJS and Material UI to ensure responsive design and optimal user experience.
- Designed and implemented the database schema using PostgreSQL to manage product, order, and customer data.
- Created RESTful APIs using Node.js and Express.js to handle requests and responses from the front-end.
- Integrated payment processing using third-party payment gateway APIs such as Stripe.
- Conducted extensive testing and debugging to ensure that the application met performance and functionality requirements.
- A major challenge was creating seamless add-to-cart functionality using PostgreSQL that stores the user's selections even after they exit or log out. This was overcome through teamwork and multiple Zoom meetings to ensure all team members had a clear understanding.

## EDUCATION

**Fullstack Academy Web Development Bootcamp** | September/2022 - April/2023

Software Engineering Certificate

Full-time, Full Stack Javascript Web Development Immersive

- Completed an intensive engineering program, covering full-stack development with a focus on PERN stack.
- Developed several projects using best practices for software engineering, including version control with Git, automated testing, web hosting, and deployment.
- Worked on a team project to design and implement a full-stack application from scratch, using agile methodologies and collaborative tools such as Slack.
- Participated in technical interviews and whiteboard exercises to prepare for job interviews and improve problem-solving skills