

Neil Lucena

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EDUCATION

California State University, Stanislaus

Bachelor of Science in Computer Science

Turlock, CA

December 2020

EMPLOYMENT

Bay Valley Tech

Modesto, CA

Full-Stack Software Engineer Intern & Info. Session Volunteer

March 2023 - Ongoing

- Worked with the team to accomplish dynamic and responsive user interface to improve user engagement and interaction, and establish backend functionality for connectability such as databases and APIs.
- Engineered a navigable front-end using JavaScript, HTML, and SCSS, enhancing overall user experience.
- Integrated Finnhub API for real-time stock data to users up-to-date investment insights, greatly reducing data latency, and stock searchability.
- Hosted weekly Google Meet sessions, guiding over 100+ applicants during informational sessions, which greatly improved applicant understanding and engagement about the company.

OtterSoft & Bay Valley Tech

Modesto, CA

Software Engineer Intern

March 2022 - August 2022

- Accomplished efficient data management for medical response applications as measured by a 40% reduction in data retrieval time, resulting in quicker response times for the user.
 - Worked with the team to accomplish user-friendly application using JavaScript, C#/.NET, CSS/HTML, SQLite, and React, enhancing usability and functionality.
 - Collaborated closely with the product team to align wireframes with project goals, resulting in a seamless integration of design and functionality.
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SOFTWARE PROJECTS

HobinRood: Stock Brokerage Application

Tech: HTML, SCSS, JavaScript, React, MySQL, PlanetScale

"RobinHood" Inspired Full-Stack Stock App

- Developed a dynamic full-stack stock application using Node.js, React, JavaScript, HTML, and SCSS, designed intuitive wireframes and interfaces with Figma.
 - Implemented the PlanetScale database to enable seamless user interactions, including stock purchases and faster real-time stock data updates through integration with the Finnhub API.
 - Implemented account management, stock transactions, and interactive data visualization.
 - Deployed project on Vercel, with GitHub Desktop for version control.
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TECHNICAL SKILLS

Software Development: SDLC, Debugging, Maintenance, Testing, Agile Methods, Front-End & Back-End Dev.

Languages: HTML, PHP, CSS, Tailwind CSS, JavaScript, TypeScript, Python, Java, SQL (MySQL), NoSQL.

Frameworks and Developer Tools: Angular, Eclipse IDE, GitHub, Linux/Unix, React, Redis, Visual Studio, Visual Studio Code, MongoDB, Node.js.

DevOps: Docker, Kubernetes, CI/CD, Git, Git Desktop, Google Cloud Platform

CERTIFICATIONS

- **AWS Certified Solutions Architect - Associate (SAA-C03) - (In Progress)**