

Alejandro Vera

305-762-0656 | AlexVera0109@gmail.com | AlejandroVera.com | github.com/AlejandroV01
linkedin.com/in/alejandrovera09

Education

Florida International University

Bachelor's in Computer Science | GPA: 3.7

Miami, FL

Aug. 2022 – Dec. 2024

Relevant Coursework: Data Structures and Algorithms, Database Management, Computer Architecture, Software Engineering, Systems Programming, Programming (I and II), Discrete Structures, Operating Systems

Experience

Software Developer Engineer Intern

June 2024 – Aug. 2024

Amazon

Irvine, CA

- Developed an **AI-powered** chatbot portal using **React TypeScript** and **AWS services** to streamline documentation retrieval to **reduce search time** by over **3 hours per week** for **300+ developers**.
- Designed and implemented a **RAG AI model** to enable context-aware conversations and efficient documentation retrieval, leading to potential annual **saving of \$3,000,000+** for Amazon.
- Collaborated with a cross-functional team of **12 developers**, UX/UI specialists, and Principal Engineers to ensure the successful integration and validation of the chatbot's backend services.
- Led the onboarding of **team documentation** and created a **POC Slack** connector to enable seamless access to information from both **internal documentation** and Amazon's **Slack** channels.
- Gained insights into **Amazon's CI/CD** process and **agile methodologies** by actively participating in **sprints**, **JIRA management**, and **daily standup** with the team.

Web Development Project Leader

Jan. 2024 – April 2024

INIT @ Florida International University

Miami, FL

- Led and collaborated with a **team** of 16 students to create a **collaborative full-stack** project using **React.js**, **TypeScript**, **Tailwind CSS**, and much more.
- Implemented **agile** and **SCRUM** project management methodologies to ensure efficient task allocation, progress tracking, and timely delivery of milestones.
- Oversaw and managed the integration of **Supabase** for database implementation and coordinated backend **API** development with **Express** and **Node.js**.
- Organized weekly meetings to facilitate brainstorming sessions as well as to provide guidance on technical challenges for skill development.

Software Engineer Intern

Nov. 2022 – Jan. 2023

Seminaut Inc.

Remote, US

- Developed and implemented 15+ custom UI components using **React.js**, **Storybook**, and **Prop Types** to decrease the **JavaScript** bundle by 12%.
- Collaborated closely with a team of 18+ members, including UX/UI designers and senior software engineers, to enhance and upgrade features using **agile** methodologies.
- Achieved feature upgrades using React and creating **Flask API** routes in the backend that resulted in a 24% increase in account registrations.
- Spearheaded the implementation of an automated **testing framework** for **unit and integration tests**, reducing bug resolution time by 20% and enhancing overall software performance.

Technical Skills

Languages: JavaScript, TypeScript, Python, Kotlin, HTML/CSS, Java, SQL (Postgres)

Frameworks: React, Node.js, Flask, Express.js, Next.js, Tailwind CSS

Technologies: Git, AWS, MongoDB, Redux, Storybook, Styled-Components, JWT, Supabase, REST API

Developer Tools: GitHub, GitLab, Postman API, VS Code, IntelliJ, Vercel, Figma