

Ivan Rivera

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EDUCATION

San Jose State University

B.S in Computer Science

Relevant Activities: *Machine Learning Club, CS Club, Data Structures and Algorithms*

San Jose, CA

2027 | **GPA:** 3.7

EXPERIENCE

Software Development Engineer Intern

June 2024 – Aug 2024

Amazon Web Services - AWS EKS Anywhere

Seattle, WA

- Developed a custom **Command Line Interface (CLI)** tool, integrated within an **AWS CodePipeline**, to **automate the service release process** for minor and patch releases, reducing the time spent on manual steps by approximately **40%**
- Leveraged **AWS Cloud Development Kit (CDK)**, **CodeBuild**, and **S3** to automate and streamline deployment tasks, **significantly improving team efficiency and reducing operational overhead**.
- Led the end-to-end implementation of the automation project using **GoLang** and **TypeScript**, ensuring **scalability** and seamless integration into **existing workflows**.
- Contributed to improving team workflows and overall productivity by **cutting down time costs** associated with the manual release process, allowing team members to focus on higher-priority tasks

PROJECTS/LEADERSHIP EXPERIENCE

PasteDepot | pastedepot.com | *React, JavaScript, CSS, PostgreSQL, Vercel*

November 2024

- Developed and deployed a **full-stack** web application for creating, sharing, and storing code snippets with **user authentication** and database integration
- Utilized **React** for a responsive frontend, **Supabase** for user management and database services, and **Vercel** for seamless deployment and hosting
- Implemented features allowing users to create, share, and delete pastes, with each paste being **shareable via unique URL links**
- Integrated authentication and authorization with secure storage of user-created content using **role-based access control (RLS)** in Supabase

Personal Portfolio Website | ivanrivera.dev | *HTML, CSS, JavaScript, Vercel*

September 2024

- Designed and developed a **fully responsive** portfolio website to showcase personal projects and skills using **vanilla HTML, CSS, and JavaScript**
- Created an **intuitive user interface** with smooth navigation, leveraging custom CSS for styling and JavaScript for dynamic interactions and functionality
- Deployed the website on **Vercel** for reliable hosting, ensuring continuous integration and automatic updates with every code push to the Git repository

SKILLS

Languages: Java, Python, Golang, HTML/CSS, C++, JavaScript, SQL/NoSQL, R

Technologies: React, Node.js, Kubernetes

Developer Tools: Git, AWS, Google Cloud Platform, VS Code, Jupyter Notebooks, IntelliJ