Xavier Alejandro Loera Flores
Software Engineer

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Dedicated and skilled software engineer with 3 years of hands-on experience in developing robust and scalable applications within the Node.js/Next.js ecosystem. Seeking a challenging and impactful role where I can grow and contribute to the success of a dynamic team.

SKILLS

Languages : Go/Golang, TypeScript, Python, JavaScript, Java, Swift, SQL (PostgreSQL, MySQL)
Backend : Fiber, Node, Express, FastAPI, Cloud Computing, REST, gRPC, CORS, JWT, NumPy, Pandas, ORM(Drizzle, Prisma)
Frontend : React, Next, Svelte, SvelteKit, TailwindCSS, HUGO, HTML, CSS
Tools : Git, Docker, AWS (EC2, S3), GitHub Actions, Vercel, Railway, Netlify, Insomnia, Postman
AI/ML : Natural Language Processing, SciKit-Learn, NLTK, Predictive Modeling, Model Persistence & Deployment, OpenAI API(Chat, Text)

PROJECTS

Machine Learning Content Moderation System, GitHub | Live
- Preprocessed over 50 thousand Tweets for training using Natural Language Processing (NLP) techniques using Pandas & NLTK.
- Developed, trained, and persisted 3 linear regression machine learning models using Scikit-Learn that classify offensive text.
- Engineered an end-to-end text based social media feed similar to Twitter using FastAPI, Next.js, and PostgreSQL.
- Integrated the machine learning model into the posting system to automatically classify and moderate user generated content.

EXPERIENCE

Fullstack Developer & Amazon Software Engineering Mentor II   **Feb 2023 — Present**
Fullstack Academy   Remote
- Mentored over 100 Amazon software engineers every 6 months and provided guidance, assistance, & reviews for over 100 weekly projects using technologies such as HTML, CSS, JavaScript, React, Node, Express, PostgreSQL, MongoDB, Netlify, AWS, & Git.
- Developed several apps & services using Next.js, Node, & React to help facilitate the needs of the class as well as one static knowledge base using markdown & HUGO featuring supplemental technical learning material.

Automation Developer (Contract)   **May 2022 — Dec 2022**
Begin Software   Remote
- APIs & webhooks to integrate our clients' SAAS services, applications, & databases in custom data centric automations to improve internal business workflows, customer experience, & prospect acquisition.
- Developed an automation for a client that saves their CEO 1-2 hours per day & converts more paying customers by storing & tracking contact details/sales progress to send call to action emails at different pipeline stages.

Software Engineer   **Feb 2022 — Aug 2022**
Inkfluencer   Remote
- Developed several backend services relating to user public profiles, & social media integration using Node(TypeScript), Express, PostgreSQL, & Prisma in accordance with the MVP specifications & feature set.
- Coordinated with a small team of React developers to develop a web dashboard & landing page.
- Set up web client hosting for the landing page, DNS/domain registration, & AWS S3 image storage.

React Developer & Community Manager (Contract)   **Aug 2021 — Mar 2022**
MappyCoin   Remote
- Developed several pages & components in React from design mockups into a responsive website 1 month ahead of schedule.
- Promoted & expanded responsibilities to include management of a community with over 3000 members & assisting with business collaborations, raising venture capital, tokenomics design, and product features.

Fullstack Developer (Internship)   **May 2021 — Aug 2021**
CodePath   Remote
- Co-developed Kurios, a crypto currency dashboard using React, Node, Express, PostgreSQL, & Material-UI while practicing Scrum through team meetings, daily stand-ups, code reviews, & sprint planning with engineers.
- Performed 35,000 daily cron-scheduled API calls to retrieve and store real time price data for six currencies saving $600/month.
- Showcased a "professional" level of technical discipline & collaborative communication as measured in an evaluation rubric graded by my supervisor by exceeding intern level expectations and delivering a robust project.

EDUCATION

Bachelor's of Science in Computer Science, Western Governors University   **Dec 2022 — May 2024**
Fullstack Web Development Bootcamp, San Jose State University   **May 2021 — Nov 2021**
Associate's of Science in Computer Information Systems, Mission College   **Aug 2020 — Dec 2022**
Associate's of Arts in Liberal Arts: Natural Science and Math, Mission College   **Aug 2017 — May 2020**