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Xavier Alejandro Loera Flores

Software Engineer

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Portfolio: https://loeraflores.com

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 Social Media Racism Detector(In Progress), GitHub | Live

- Developed a ML model leveraging Natural Language Processing (NLP) techniques with scikit-learn and NLTK to classify offensive posts.
- Engineered an end-to-end solution using FastAPI and Next.js, integrating the model to classify and moderate user generated content.

EXPERIENCE

Fullstack Developer & Amazon Software Engineering Mentor II

Feb 2023 — Present

Fullstack Academy

Remote

- Mentored & facilitated the technical education of over 50 Amazon software engineers per 6 month cohort.
- 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.
- Provided guidance, assistance, and reviews for over 100 weekly projects and assignments using technologies and tools such as HTML, CSS, JavaScript, React, Node, Express, PostgreSQL, MongoDB, Netlify, AWS, & Git.

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 from MappyCoin's design mockups into a responsive website with React.
- Completed all deliverables one month ahead of schedule with just 1 other co-developer while my duties expanded.
- Promoted & expanded responsibilities to include management of a community with over 3000 members on Twitter, Telegram & Discord & contributions product/business discussion relating to promotions, the community, business collaborations, raising venture capital, coin distribution/tokenomics, 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 while saving a value of \$600/month by cycling free tiered API keys.
- 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