

RAUL FLORES

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TECHNICAL SKILLS

Languages: TypeScript, Java, Python, JavaScript, HTML, CSS, SQL, Rust, C++ | **Frameworks/Libraries:** Next.js 13, Flask, Spring Boot, JQuery, Express, NumPy, Pandas, Anchor | **Databases:** MySQL, MongoDB, RDS, Sanity, PostgreSQL | **Tools:** Redux, Postman, Docker, S3, EC2, Git, Material UI, Tailwind, Eclipse, VsCode, Jira, Tableau

TECHNICAL PROJECTS

CryptoFlo || Full-Stack Developer || [github](#) || [Live](#)

NFT marketplace || Javascript, Next.js, Solidity and Hardhat

- Built a Web3 marketplace leveraging ERC-721 smart contracts to facilitate seamless transactions for buying and selling NFTs on the Mumbai Polygon test network. The platform incorporates a 1.5 transaction fee for profit.
- Implemented error handling and comprehensive validation protocols, guaranteeing transactional security and mitigating the occurrence of erroneous sales to ensure a safe environment for users.

Raven || Full-Stack Developer || [github](#) || [Live](#)

Social Media Application || TypeScript, Next.js, MongoDB, Clerk, Docker

- Deployed a social media platform similar to Twitter with text based posts. Users have personalized timelines following accounts with the ability to microblog and comment in real time with other accounts.
- Created an API to handle communication with non relational databases fetching and saving user and post data optimizing performance thus giving users a smoother experience viewing their personalized pages.
- Programmed ability for posts to develop threads to easily connect multiple different posts into a singular post giving users ability to have structured conversations.

BrandPal || Full-Stack Developer || [github](#) || [Live](#)

AI-driven SaaS Branding Agent || TypeScript, Next.js, Python, AWS Lambda, Open AI, Fast API, Docker

- Developed an AI-driven SaaS web application which creates snippets and social media keywords for clients according to their brand or chosen subject, enhancing creativity and productivity.
- Designed on a AWS backend using AWS Lambda and API Gateway written in Python, to handle backend microservices integrating Open AI Chat-GPT API and presented using Next.js 13 latest version.
- Configured on a Virtual Private Cloud on AWS utilizing API Gateway with potential to scale using EC2 Instances and Elastic Load Balancer to allow scaling on multiple instances.

PROFESSIONAL EXPERIENCE

Software Developer | Freelance | Remote

2021 — 2023

- Leveraged expertise in front-end and back-end technologies to design, develop and deploy custom software solutions increasing user engagement by 25%.
- Designed and implemented RESTful API's to improve and optimize system performance and scalability for client web applications.
- Consulted with clients and users developing business relationships and ensuring clear communication detailing requirements for projects to ensure successful implementation.

Ecommerce Business Owner | Flores Collectibles

2020 — 2022

- Founded direct-to-consumer eCommerce business specializing in high in demand memorabilia and exclusive products returning a 35% net annual profits since 2020
- Scaled business to multiple platforms to increase visibility resulting in 15% increase in sales from multiple platforms such as Mercari, Amazon, eBay and online storefront websites.

EDUCATION

Coding Dojo | Full Stack Developer Certificate

2022

- Completed an immersive bootcamp encompassing over 1400 hours of intensive hands-on training, covering a wide spectrum of programming languages, software development methodologies and project based learning.
- Implemented Agile scrum frameworks for teams of 4-6 ensuring all objects were met and projects were on schedule.