

Nadeem Maida

Software Engineer

+1 (949) 421-9330
Corona, CA 92881
nadeem.maida@gmail.com
Portfolio Site - nadeem-mj.netlify.app

PROFESSIONAL EXPERIENCE

CI Solutions (April 2022 - Present)

- Solutions Architect | July 2024 - Present | Continued developing the new microservices system for file processing, enabled efficient ingestion of large CSV and image datasets for clients. Further improved application performance and reliability. Spearheaded the transition away from Jenkins to AWS Codepipeline.
- Junior Software Engineer, Devops and Backend Owner | December 2023 - June 2024 | Cut company spending by migrating to more cost-effective AWS services and eliminating unused resources. Led the transition from a monolithic application to a microservices architecture for the file processing system, enhancing scalability and maintainability.
- Junior Software Engineer | June 2022 - December 2023 | Maintained a Laravel (PHP) backend and React.js frontend application; developed and maintained a Dockerized local development environment. Implemented a feature flagging service, designed new reporting and printing systems, and optimized database queries and application architecture for improved efficiency.
- Software Engineering Intern | April 2022 - June 2022 | Assisted in writing unit tests and organizing the backend application structure, contributing to code reliability and maintainability.

UCLA Health (January 2020 - February 2022)

- Neurosurgery-Spine Department | July 2021 - February 2022 | Supported schedulers across all doctors' offices to enhance coordination within the department.
- COVID Vaccine Support Team | February 2021 - June 2021 | Triage emails and addressed patient inquiries regarding the COVID-19 vaccine.
- Pathology Operations | September 2020 - January 2021 | Managed maintenance projects, coordinated staff relocations with IT and facilities, and oversaw installation projects with vendors.
- Nuclear Medicine | January 2020 - August 2020 | Processed read requests, invoices, and patient records; led daily meetings to update colleagues on patient statuses and office events.

PROJECTS

rEFT - Real Estate Fungible Token (February 2024 - May 2024)

University Project - Led development as Project Manager and Lead Blockchain Engineer, creating a platform that tokenizes real estate assets for fractional ownership. Designed and implemented an Ethereum smart contract in Solidity to generate fungible tokens, automating property transfers and ensuring transparent, immutable transactions on the blockchain.

SKILLS / TECHNOLOGIES

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|-----------------------------|-------------------|------------------------------|
| • Python / Pandas / FastAPI | • PHP / Laravel | • Typescript / Javascript |
| • Docker | • AWS / CDK / SST | • React / NextJS / SvelteKit |

EDUCATION

California State University, Fullerton (May 2024) BS - Computer Science - Cum Laude
Santa Monica College (June 2022) AS - Computer Science & ADT - Mathematics