

# Nadeem Maida

Software Engineer

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Portfolio Site - [nadeem-mj.netlify.app](https://nadeem-mj.netlify.app)

## PROFESSIONAL EXPERIENCE

### CI Solutions (April 2022 - Present)

- Solutions Architect | July 2024 - Present | Continued development of the new microservices system for file processing, enabled efficient ingestion of large CSV and image datasets for clients. Improved application performance by 50% or more by optimizing slow database queries. Led the transition from Jenkins to AWS Codepipeline, streamlining CI/CD processes.
- Junior Software Engineer, Devops and Backend Owner | December 2023 - June 2024 | Reduced company spending by migrating to more cost-effective AWS services and eliminating unused resources. Spearheaded the transition from a monolith to a microservices architecture for the file processing system, enabling scalability from single-file to unlimited-file processing.
- 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, eliminating the need for costly remote development environments. Implemented a feature flagging service and designed new reporting and printing systems.
- 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, improving coordination and efficiency 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 external 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 - Served as Project Manager and Lead Blockchain Engineer in the development of a platform that tokenizes real estate assets for fractional ownership. Designed and implemented an Ethereum smart contract in Solidity to generate fungible tokens, automate property transfers, and ensure transparent, immutable transactions on the blockchain.

## SKILLS / TECHNOLOGIES

- |                             |                   |                              |
|-----------------------------|-------------------|------------------------------|
| • 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