



Alexander Reyes

Software Engineer

📁 Employment History

Software Engineer at State Farm, Tempe, AZ

July 2021 — Present

- Slashed build time by reducing the size of the Docker base image used by multiple APIs in the system
- Effectively improved performance of the Angular client by refactoring critical logic points from an exponential runtime into an O(n) runtime
- Reduced breaking data inconsistencies by utilizing the NgRx state management library
- Proposed and implemented an improved Git workflow and a migration from a monolith design to a microservices architecture onto AWS services
- Managed Gitlab CI/CD pipelines consisting of lint tests, stress tests, smoke tests, Snyk security scans, and automated deployments
- Member of the winning team in the 2021 State Farm Innovation Challenge
- Mentored teammates on best practices, industry standards, design patterns, and provided solutions for their assigned stories

Software Engineer at Cyber Dive Co., Mesa, AZ

August 2020 — July 2021

- Designed and built web scrapers in Python and Selenium to gather user data from popular social media
- Extended an open-source Chrome extension to generate Pypeteer code
- Successfully virtualized environments using Docker, PyEnv, and NVM with Bitbucket pipelines
- Delivered optimized solutions to improve runtimes by refactoring Javascript choke points
- Resolved existing prop drilling problems by strategically using Context Providers and Redux
- Supported the React front-end/UI engineering team during a critical deployment period for thousands of users

Full Stack Web Developer at FFUF Manila Inc, Makati City, PH

May 2017 — August 2020

- Built and maintained applications including Angular web clients, RESTful APIs, MySQL/MsSQL databases, and deployment servers
- Structured several systems comprising of production workflow tracking and project management using Angular and PHP/MySQL

🎓 Education

BS Computer Science, Mapúa University, Makati City, PH

Java Specialization

Details

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