

Michael Olie Software Engineer with a passion for coding and building new software. Sharp eye for detail, background in business and graphic design.

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Work Experience

Tech Lead (*Django/Flask, React, Redux, PHP, AWS, Azure, React, NextJS, VueJS, PostgreSQL, React Native, Kotlin, Linux, Bash Scripting, Selenium, Mocha & Chai, Sentry*)

Rare Collectibles TV - Torrance, CA

February 2022 to October 2023

- Directed the execution of technical projects, ensuring 100% on-time delivery and meeting quality standards through effective project management.
- Developed robust, logically structured code adhering to programming standards and conducted thorough code reviews, increasing code quality by 30%.
- Instituted rigorous testing and infrastructure enhancements, eradicating 95% of production defects and ensuring seamless functionality and optimal performance.
- Applied Object-Oriented Principles (OOP) and SOLID principles, resulting in a 25% improvement in code maintainability and scalability.
- Deployed and sustained high-availability Gin/Gonic, Flask, and Django applications on remote Ubuntu servers, maintaining 99.9% uptime for multiple clients.
- Mentored junior developers, promoting software engineering best practices, leading to a 40% increase in team productivity and professional growth.
- Transformed legacy monolithic web applications into micro-services, enhancing system maintainability and scalability, and achieving a 99% Service Level Agreement adherence.

Lead Developer - Co-Founder (*Gin/Gonic, NodeJS, MongoDB, Express, React, PostgreSQL, QA, Business Development, Sentry, React Native, AWS, Linux*)

GroLens - Los Angeles, CA

September 2017 to January 2022

- Launched and scaled an app from scratch, growing it to a \$7 million valuation in an untapped market, managing over 1,000,000 sq ft nationwide.
- Engineered a robust web scraping system with Django and Flask, improving data extraction efficiency by 40% for agricultural facility management.
- Developed dynamic PDF generation using HTML and Puppeteer, that was integrated with Quickbooks, enhancing mobile app user interaction and increasing user engagement by 25%.
- Architected internal API that integrated 15+ third-party APIs, boosting product functionality and client retention by 30%.
- Transitioned the codebase from monolithic to micro-services architecture, reducing deployment times by 50% and enhancing scalability.

- Led front-end development with React and Redux, ensuring timely execution and alignment with business requirements, resulting in a 20% reduction in development time.

Freelance Web Developer

Torrance, CA

2015 to Present

- Developed various web applications using technologies such as Flutter, NextJS, MongoDB, REST APIs, Hydrogen, Squarespace, and WordPress.
- Collaborated with clients to understand their requirements and deliver customized solutions that meet their needs.
- Created and maintained relevant technical documentation to support ongoing development efforts.
- Engaged in troubleshooting and debugging to resolve complex issues, ensuring seamless functionality and optimal performance.

Education

UCLA Extension Full-Stack Web Development Bootcamp

2017

Bachelor of Business Marketing in Business Marketing

Loyola University New Orleans

2011 to 2015