Josh Riley

Software Engineer

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Website | GitHub | LinkedIn

Professional Summary

Passionate software engineer with years of experience in software development across all phases, from requirements gathering and analysis to design, development, testing and deployment. Highly knowledgeable in operating systems, development environments, data architecture, front-end and back-end frameworks.

Technical Skills

- **Languages & Frameworks**: C++, C#, PHP, .NET, Go, Node.js, JavaScript, TypeScript, Angular, React, Vue,
- **Databases**: MySQL, MariaDB, PostgreSQL, NoSQL, MongoDB
- **DevOps & Cloud**: AWS, Azure, Google, Oracle, CI/CD pipelines, Git, Containers, Security, Storage
- **OS & Embedded**: Linux, Distributions, Windows, Mac, Embedded Systems, Internet of Things
- **Other Tools**: Docker, Jira, Atlassian, Teams, Slack, SCRUM, IDE, AI, LLM, Microsoft Suite, Visual Studio

Professional Experience

3rd Party Solutions | Senior Software Engineer | Jan 2023 - Dec 2023
- Collaborated with an agile team to implement full-stack development solutions for web and mobile applications.
- Optimized UX by improving mobile front-end performance by 50%.
- Implemented and tested backend API endpoints using Laravel on a development cloud server environment.

TUYA Technologies | Lead Software Engineer | Mar 2019 - Mar 2020
- Advised and transitioned an outsourced development team to an in-house team of C# and Angular engineers.
- Collaborated with product owners for improvements, integrations, development workflow and operations.
- Reduced Google Geocoding API usage by 90% by optimizing address search logic.

Infrared Cameras | Software Engineer | Oct 2016 - Jan 2018
- Developed C++ classes and utilized USB to stream video from enterprise cameras mounted on a gimble.
- Debugged embedded Linux to improve stream performance from camera to a C++ web server.
- Designed an interface for drone monitoring within the local area network via Wi-Fi.

Bonk Studios (Client) | Full Stack Developer | Jun 2015 - Sept 2016
- Increased workflow performance through SCRUM methodology and GIT implementation.
- Developed mobile application for delivery drivers to process orders utilizing Node and Angular.
- Integrated internal business logic and API endpoints for the mobile application using Laravel (PHP).

BluBoard (Client) | Full Stack Developer | Jan 2015 - Jun 2015
- Integrated an embedded Linux chip for an IoT custom-built ePaper sign enclosure.
- Developed and integrated workflows and deployment strategies for the team.
- Consulted with product owners for new features and web panel integrations.

Education

- Autodidactic - Self-taught through online resources, curiosity and exploring subjects.
- Bachelors - University of Phoenix - Software Engineering