John Beaver

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Summary

Innovative and results-driven software engineer with extensive experience in designing and maintaining scalable platforms. Expertise in backend and frontend development, cloud services, and API architecture. Proven ability to lead cross-functional teams and drive digital transformation.

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Skills

- Backend Development: PHP, Laravel, Django, .Net (C#)

- Frontend Development: Vue.js, Angular, Bootstrap, TypeScript, HTML5, CSS

- Database Management: PostgreSQL, SQL

- API Development: RESTful APIs

- Cloud Services: AWS (Elastic Beanstalk, EC2, S3, Lambda, API Gateway, RDS), Google Cloud Platform

- Mobile Development: React Native, Java

- Dev Tools: Git, GitLab, GitHub, Visual Studio Code, xCode, Android Studio

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Professional Experience

Senior Software Engineer
Authentic Labs | January 2020 - Present

- Designed and maintained a high-scale brand content delivery platform.

- Developed customer feedback features using PHP, Laravel (backend) and Vue.js, TypeScript (frontend).

- Built RESTful APIs for seamless data integration with external systems.

- Managed deployments and scaling using AWS technologies.

- Led development of a React Native mobile application for iOS and Android.

Chief Software Architect

EZ3D Technologies, Inc. | January 2017 - January 2020

- Engineered a 'ground-to-cloud' SaaS solution for roof inspections using drones.

- Developed an Android mobile application utilizing DJI SDK for autopilot.

- Built the web stack with Angular, .NET Core, and AWS infrastructure.

Senior Software Developer

Neva Ridge | April 2015 - January 2017

- Led development of a cloud-based geospatial analysis tool for radar coordinate processing.

- Designed and implemented scalable solutions using AWS, Django, Python, and C++.

Additional Experience

GeoDigital International, Microsoft, and Vexcel Corporation

- Focusing on geospatial visualization, subsidence mapping techniques, 3D mapping and software architecture.

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Education

- Ph.D. in Electrical Engineering | Colorado State University

- MSEE | Ohio State University

- BSEE | Ohio University

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