

JOSHUE BACULE

SOFTWARE ENGINEER

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SUMMARY

I'm a Software Engineer with 5+ years of expertise in the full development lifecycle—from seamless UI/UX implementation to robust API design. Dedicated to code quality, performance optimization, and building scalable digital products.

PROFESSIONAL EXPERIENCE

Fullstack Software Engineer, Global Ultrasound Institute Jan 2025 - Present

- Architected a high-traffic GUSI platform using React and TypeScript, delivering a data-rich UX for a global community of medical specialists.
- Optimized cloud infrastructure via AWS (Lambda, S3, CloudFront) and VPC to ensure low-latency delivery of medical media and secure network environments.
- Engineered secure RESTful APIs for scan-tracking and community features, maintaining 100% data integrity and high availability for international clinicians.

Fullstack Software Engineer, FinPeaks (Part Time) Feb 2024 - Feb 2025

- Architected a Node.js/Postgres backend for a 311 emergency system, integrating Firebase and GetStream.io for high-concurrency video calling.
- Built a scalable media platform (Bisayaflix) using React and Shadcn UI, leveraging AWS S3 and CloudFront for global CDN delivery.
- Engineered high-availability RESTful APIs with 99.9% uptime, utilizing ORM data modeling and custom middleware for real-time data sync.

Fullstack Web Developer, Eyeballs Financial Inc. Aug 2022 - Feb 2024

- Built 3 Vue/Quasar fintech dashboards, utilizing reusable component libraries to significantly accelerate frontend deployment.
- Architected secure Node.js/TypeScript APIs with automated calculation engines for real-time interest, ensuring 100% data accuracy and audit-ready reporting.

Web Developer, Channel Precision Inc. March 2020 - Aug 2022

- Developed Amazon FBA SaaS tools and enterprise web apps using Vue and Node.js, eliminating manual tasks and reducing client processing fees/labor costs by up to 80%.
- Directed technical strategy and team management for 6 months, mentoring junior engineers and optimizing task allocation for high-priority product roadmaps.

Data Analyst, Channel Precision Inc. Aug 2018 - Feb 2020

- Developed automated data collection scripts and PDF parsers using Python and TypeScript, eliminating manual entry bottlenecks and ensuring 100% data integrity for Amazon FBA.
- Architected internal automation tools that saved 40+ hours weekly, leading to a promotion to Web Developer to head company-wide process optimization.

EDUCATION

Bachelor of Science in Computer Science 2014 - 2017
Bohol Island State University

SKILLS

Collaborative Engineering	Independent Problem Solving	Analytical Decision Making
Technical Communication	Adaptive Learning	Detail-Oriented Development