

Jared Bovard

Remote Principal Software Engineer

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SUMMARY

Principal software engineer with a background in enterprise web application development and e-commerce; 11 years in technical leadership in Lead / Principal Software Engineer roles, mentoring and leading teams; Primary tech: Node.js, TypeScript, Kubernetes, C#, .Net, .Net Core, JavaScript (always open to learning, refreshing, and working with different languages and technologies).

WORK EXPERIENCE

Feb 2023 – Present

CHG Healthcare

Midvale, UT (Remote)

Principal Software Engineer

- Architected enterprise sales data platform replacing third-party systems, saving ~\$6M annually while increasing scalability, accuracy, and long-term control of mission-critical sales insights
- Optimized PostgreSQL databases and ETL pipelines, cutting storage by ~75%, reducing processing by 7+ hours, and accelerating queries 1000x
- Expanded technical leadership from a single team to multiple concurrent engineering teams spanning Salesforce, application development, and enterprise integrations
- Directed architectural decisions impacting revenue-critical sales workflows; deployed centralized OneTrust integration for unified opt-in / opt-out management, also ensuring compliance with evolving communication regulations and reducing organizational risk
- Built a modular Salesforce-texting service integration improving sales efficiency, strengthening BI pipelines, and simplifying vendor transitions
- Engineered reusable, abstract microservice components in Node.js and TypeScript, reducing development timelines from weeks to days, improving speed and consistency
- Established enterprise testing methodologies, producing resilient, refactor-friendly test suites that increased confidence in high-stakes deployments to AWS cloud infrastructure
- Conducted technical evaluations of third-party tools, advising Director-level leadership on viability and alignment with business priorities
- Championed responsible adoption of AI tools (GitHub Copilot) for high-impact applications to accelerate development while safeguarding quality
- Helping to codify Salesforce development standards across teams
- Mentoring software engineers in performance enhancements, career development, and more
- Participated in the interview process for engineers across multiple teams
- Recognized for excellence and results, including departmental “Circle of Excellence” award for the sales data platform

Oct 2020 – Feb 2023 **Etail Solutions, LLC**
Principal Software Engineer

Arden Hills, MN (Remote)

- Led a team of e-commerce software developers, mentoring junior and mid-level engineers
- Influenced leadership to adopt Git and led the transition process from Team Foundation Version Control
- Planned and led the company's modernization / conversion to .NET Core
- Updated third party integrations (Amazon, Walmart, Shopify)
- Implemented a new code review process for the software engineering team
- Automated the build process for greater efficiency over the company's previous manual builds
- Advised and consulted with the CTO on best practices in the team's development process
- Introduced metric tracking and reporting in relation to new quality control processes I implemented
- Evaluated Azure cloud solutions for business cases and recommendations to leadership
- Implemented and led stand-ups for the engineering team as part of a new agile process
- Served as liaison with external developers working for a client of the company

Jan 2013 – Oct 2020 **Allied Universal Security Services**
Lead Software Engineer (Previously Senior Software Engineer)

Conshohocken, PA (Remote)

- Architected a web application / private API, optimizing validation & reporting of internal processes
- Built a web application to automate benefits recording for over 150,000 employees
- Led and mentored junior engineers in a fully remote environment; interviewed and trained new software engineers
- Influenced leadership to embrace more modern and efficient technologies (including .NET Core and Blazor)
- Initiated the company's modernization / conversion from MVC 5 to .NET Core
- Worked with internal stakeholders to develop technical design specs from end-user business requirements
- Conducted research into Azure cloud services for modernization recommendations
- Transitioned the team from having no formal testing methodology to implementing automated unit tests
- Took the team from having no formal development process to agile methodology
- Wrote a calculation engine for determining annual bonuses for over 150,000 employees
- Made several enhancements to the company's commission tracking system
- Designed reports utilizing SSRS and Crystal Reports

Jan 2013 – Present **JBrain Software**
Owner - E-commerce / Web Application / WordPress Software Engineer

PA / CT (Remote)

- Optimized a client's database export process; decreased data export times from hours to under 10 seconds
- Developed Walmart and Jet.com inventory upload utilities consuming restful APIs for an e-commerce client
- Built an updated PayPal integration for PCI compliant tokenization in credit card communication
- Created a custom data export tool for an online publisher; decreased SEO / content audit time by ~70%
- Designed an integration between OpenCart and a client's order management software
- Developed other e-commerce software integrations for shopping carts and payment processors
- Designed custom reporting solutions for clients' inventory and order management software
- Developing an automated tool in the cryptocurrency space using NodeJS with TypeScript
- Currently creating custom WordPress plugins for a digital publisher to decrease their reliance on third-party tools

Jul 2005 – Dec 2012**Monsoon Commerce / Stone Edge Technologies**
Software Developer / QA Manager

Collegeville, PA

- Developed a real-time inventory synchronization solution with Yahoo stores
- Advocated for the creation of a Quality Assurance Manager position and served as first QA Manager
- Managed the QA process, including during the company's transition to PCI compliance
- Served as liaison between the company's local and overseas contract development teams
- Developed and delivered presentations for company conferences
- Designed customizations for customers of Stone Edge Order Manager

SKILLS

Node.js, TypeScript, Kubernetes, C#, Microsoft .NET, ASP.NET MVC, .NET Core, Javascript, AWS, Microsoft SQL Server, SQL, MySQL, Salesforce, Redis, NoSQL, Visual Basic, VBA, Git, GitFlow, Team Foundation Server, Docker, SSIS, Jira, jQuery, Entity Framework, PHP, Java, APIs, REST, Web Services, Crystal Reports, OAuth, HTML, CSS, JSON, XML, Python, Agile, Scrum, Quality Assurance, QA, Automated Testing, Unit Testing, Technical Leadership, Mentorship, Training, Legacy Tech Modernization, Technical Content, Technical Documentation, Blogging, Remote Work, Remote Leadership, Software Engineering, Software Development, Software Architecture, Object-Oriented Programming, OOP, Open Source Frameworks, FullStack Development, Backend Development, SDLC

EDUCATION

School: Indiana University of Pennsylvania*Degree: Bachelor of Science*

Major: Computer Science

Specialty Track: Programming Languages and Systems

Minor: Mathematics