Shyam Zod

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Summary

Impact-focused Software Engineer with **4+ years** of experience crafting high-performance, full-stack applications using **ASP.NET MVC, Web API, C#, Entity Framework, and SQL Server**. Architected scalable solutions in **cloud-native microservice environments** (Azure), driving performance boosts up to **40%** and slashing bug resolution time by **50%**. Delivered high-impact features under aggressive timelines in agile, client-driven environments. Skilled in **system design, debugging, and devops workflows** with Docker, Git, and CI/CD. Architected clean, maintainable codebases with a focus on scalability and system performance optimization.

Technical Skills

Backend Frameworks: ASP.NET MVC, ASP.NET Web API, Entity Framework
Databases: SQL Server, MongoDB
Cloud & DevOps: AWS (EC2, S3, Lambda,DynamoDB), Azure, Docker, Git, GitHub
Skills: System Design, RESTful API Design, Microservices Architecture, Debugging, Code Optimization
Frontend Libraries: React, jQuery, Kendo UI, Tailwind CSS, Bootstrap
Tools & Platforms: Visual Studio, Jira,VS Code, Postman,
Languages: C#, SQL, JavaScript, HTML, CSS

Experience

Software Engineer II
Aug 2024 – Present
Verisk Analytics — *India*

- Streamlined image optimization and photo report workflows, reducing CPU utilization by 60% and achieving 99.99% system reliability with asynchronous execution and robust fail-safes.
- Designed and built API3, a modular .NET Core greenfield service with middleware validation and DynamoDB-backed logging—accelerated onboarding by 40% and minimized runtime defects.
- Optimized high-cost SQL views and stored procedures, cutting execution time by 70% and resolving peak-hour locking issues.
- Shipped 30+ sprint features, resolved 50+ defects, and led UI Reverb adoption—boosting platform engagement by 25%.

Senior Software Engineer
Sept 2021 – Aug 2024
Persistent Systems — *India*

- Shipped production-grade features, resolved high-priority issues, and delivered custom enhancements across multiple client-facing platforms.
- Automated the full Booking Proposal lifecycle—from quote to payment—cutting manual effort by 70% and reducing processing time by 60%.
- Built a smart Quote Caching system that reduced DB queries by 40% and improved system responsiveness under load.
- Led development of scalable enterprise modules—cutting DB load by 40% and boosting throughput by 30%.
- Refined backend workflows via async execution and cleaner control flows, slashing response times by 25% and accelerating issue triage by 30%.

Education

Bachelors in Computer Science and Engineering
Nagpur,India.
G.H Raisoni Institute of Engineering and Technology — *Jun 2017 – July 2021*

Projects

TradeXBot | *.NET, Node.js, React, AWS DynamoDB, CRON, REST API, C#*   Jan 2024 – Present

- Built a .NET-based CRON service to update categorized data into AWS DynamoDB with custom intervals (5s to 1hr) for high-throughput processing.
- Developed a Node.js REST API backend to serve real-time data to a React-based frontend portal.
- Integrated microservices and optimized data access strategies, reducing frontend API latency by 95%.
- Designed and deployed a scalable cloud architecture with modular components for real-time data ingestion and delivery.