

RAGHURAMAN SRINIVASAN

Backend Engineer | .NET Core • C# • Microservices • Azure

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SUMMARY

Backend-focused software engineer with close to 4 years on the same enterprise platform — 3 of them full-time — building and scaling .NET Core services for a regulated pharmaceutical product. Owns features end to end: API design, SQL Server data modelling, performance tuning and production support. Cut API response times by 40%, sped report compilation 2.5x, and delivered a multi-factor authentication layer and a full legacy-to-V7 platform migration. Comfortable across the stack in React and TypeScript; mentors junior developers and drives code quality.

TECHNICAL SKILLS

Languages: C#, SQL (T-SQL / MSSQL), TypeScript, JavaScript, Python
Backend: .NET Core, ASP.NET, Web API, LINQ, Entity Framework, GraphQL, RESTful API design
Architecture: Microservices, Domain-Driven Design (DDD), CQRS, ACID transactions, Redis caching, multi-factor authentication
Data: SQL Server, query optimisation, indexing, stored procedures, custom reporting pipelines
Cloud & DevOps: Microsoft Azure, Git, Postman, Firebase, CI/CD, Agile / Scrum
AI-Assisted Development: Claude, ChatGPT, Cursor, GitHub Copilot — code generation, review and refactoring in daily workflow
Frontend: React.js, TypeScript, reusable component libraries

PROFESSIONAL EXPERIENCE

Karomi Technologies | Chennai, India Oct 2023 – Present
Full Stack Developer (Backend-focused)

- Integrated RESTful APIs and optimised backend .NET Core services, reducing API response times by 40%.
- Managed a critical technical migration from legacy V5/V6 architecture to V7, and built Multi-Factor Authentication (MFA) to secure enterprise client platforms.
- Built and optimised 6+ custom reports, improving stakeholder visibility into core workflows and cutting manual data collation time by 80%.
- Diagnosed and resolved critical production application bugs, driving a 94% overall system performance optimisation.
- Led the end-to-end development lifecycle — requirement analysis, system design, development, testing, deployment and monitoring — for key system upgrades, partnering with product managers to define report KPIs and output delivery schemas.
- Developed reusable React components and internal tooling, cutting UI feature development turnaround by 30%.
- Mentored three junior developers and ran peer code reviews, decreasing bug density by 40%.

Karomi Technologies | *Full Stack Developer, Internship* | Chennai, India Jan 2023 – Sep 2023

- Joined the AMS platform team during the final year of my degree and converted to a full-time engineer on the same product.

PrepBytes | *Software Development Intern* | Remote, India May 2021 – Nov 2021

KEY PROJECT

AMS Platform — Enhancements & Version Upgrade • Karomi Technologies

- Designed and engineered secure asset transfer pipelines from on-premises servers to cloud storage with encryption and audit logging, meeting 100% compliance with stringent pharmaceutical client data regulations.
- Enhanced report loading and compilation speed by 2.5x through advanced SQL query optimisation and efficient server-side data handling.
- Implemented and deployed an "Approved Artwork Generator" and a "Viewer Submit" component, boosting active user engagement by 88% and cutting manual processing workflows by 72%.

EDUCATION

Velammal College of Engineering and Technology | *B.E. Electronics & Communication* | Madurai, India Jun 2023

CERTIFICATIONS

React JS — Codedamn (2024) • GraphQL — Codedamn (2024) • Google Project Management — Coursera (2023) • Python — Guvi (2021)