

Shikhar Gupta

Full Stack Developer

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SUMMARY

Results-driven Full Stack Developer with 4 years of hands-on experience architecting and delivering scalable enterprise web applications. Deep expertise in .NET Core, Angular, C#, TypeScript, and SQL Server. Proven track record of improving operational efficiency, enhancing system performance, and reducing processing times through clean, maintainable code. Experienced in Agile/SDLC environments, RESTful API design, Docker, RabbitMQ, and AWS SDK. Passionate about building solutions that drive measurable business outcomes.

SKILLS

Languages & Frameworks C#, TypeScript, JavaScript, ASP.NET Core, ASP.NET MVC, Angular, HTML, Bootstrap

Backend & APIs .NET Core, ASP.NET Web API, RESTful API Design, Entity Framework Core, JWT, RabbitMQ, Kafka, Socket.io, Microservices Architecture, API Gateway, Event-Driven Architecture

Databases SQL Server, Complex Query Optimization, Database Design

Cloud & DevOps Docker, AWS SDK, Git, GitHub, Azure App Service

CMS & Other Umbraco 10, Third-Party API Integrations, Agile/Scrum, Service Decomposition, Independent Deployment

EXPERIENCE

Software Developer

Bigship Technologies Pvt Ltd

Jul '23 — Oct

- Architected and maintained a high-performance .NET Core backend tracking system for a large-scale logistics platform (Bigship.in), directly improving fleet management efficiency and shipment visibility for thousands of daily users.
- Engineered real-time shipment tracking features using Socket.io, resulting in a 20% increase in operational transparency and a measurable reduction in customer support tickets.
- Optimized backend data pipelines and API response flows, improving customer service responsiveness by 15% and enabling seamless integration with 10+ third-party logistics carriers.
- Contributed to a multi-carrier courier aggregator platform that reduced client shipment delays by 20% and improved overall operational efficiency by 10% through smart routing logic.

Associate Software Engineering Trainee

SmartData Enterprises

Jul '22 — Jun '23

- Designed and delivered scalable web applications using ASP.NET Core, Angular, and SQL Server, enhancing user experience across multiple enterprise client projects.
- Built and documented RESTful APIs enabling seamless third-party integrations and efficient cross-service data communication.
- Reduced database response times by up to 30% by identifying and refactoring N+1 queries and introducing indexed query strategies on high-traffic tables.
- Developed responsive, dynamic Angular UI components, improving frontend performance and reducing page load times.
- Collaborated within cross-functional Agile teams, consistently delivering production-ready features within sprint timelines.

PROJECTS

Bigship.in — Courier Aggregator Web Application, Bigship Technologies pvt ltd [Link](#)

- Built a full-stack logistics platform connecting businesses with 10+ courier providers, enabling real-time shipment booking, tracking, and freight management.
- Implemented multi-carrier support module that reduced client logistics costs and cut shipment delays by 20%.
- Delivered a scalable, high-availability architecture supporting thousands of concurrent shipment transactions.

Smart Source — Corporate Portfolio Website [Link](#)

- Developed a responsive company portfolio website using Umbraco 10 and .NET Core 6 with a fully dynamic CMS backend.
- Improved content update efficiency by 30% and achieved a 25% faster page load time through performance optimization and SEO best practices.

Rechon Order — Vendor & Procurement Management System, Rechon Company [Link](#)

- Designed and built a web application to digitize and streamline vendor and supplier purchase records for Rechon Company.

- Reduced procurement processing time by ~30% through automated tracking workflows and improved data accessibility.

Lead Management System, SmartData Enterprise [Link](#)

- Developed a web-based lead management platform enabling sales managers to create, assign, and monitor leads, and sales reps to track conversation history.
- Improved sales team productivity by an estimated 30% by streamlining lead tracking and automating assignment workflows.

E-Commerce Microservices Platform

- Architected a full-stack e-commerce platform using Microservices Architecture, decomposing the system into independently deployable services: Product, Order, Payment, and Inventory — each with its own codebase and isolated database.
- Implemented inter-service communication using RESTful HTTP APIs for synchronous calls and RabbitMQ/Kafka message broker for asynchronous event-driven workflows (e.g., OrderCreated events triggering Inventory and Payment services).
- Built an Angular-based UI layer that communicates with backend microservices via API Gateway, enabling modular feature delivery and independent scaling of high-traffic services such as Payment and Product catalog.
- Containerized all services using Docker and implemented fault isolation patterns, ensuring failures in one service (e.g., Payment) do not cascade to the rest of the platform, improving overall system resilience and uptime.

EDUCATION

MCA in Computer Science, Graphic Era University (GPA: CGPA: 8.0/10)

'22
Dehradun, India

- Advanced Programming & Software Development
C# and .NET Technologies
Artificial Intelligence & Machine Learning
Python Programming
Data Structures & Algorithms
Database Management Systems
Web Development
R Programming
Software Engineering & System Design

BCA in Computer Science, Invertis University (GPA: 66%)

'20
Bareilly, India

- C & C++ Programming
Java Programming
Web Development
Database Management Systems
Data Structures & Algorithms
Object-Oriented Programming
Software Engineering
Computer Networks
Operating Systems
Computer Fundamentals