

Abhishek Suman

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EDUCATION

AMITY UNIVERSITY

B.TECH IN COMPUTER SCIENCE

May 2024 | Noida, India

SUMMARY

Software Engineer with 2+ years of experience owning high-throughput .NET services and distributed applications. Skilled in C, ASP.NET APIs, SQL, Kafka, RabbitMQ, concurrency, and production troubleshooting. Experienced in real-time systems, service boundaries, performance optimization, and reliable delivery across deployments.

LINKS

LinkedIn:// **Abhishek-Suman** Github:// **Abhishek-Sumn** Leetcode:// **abhinz**

COURSEWORK

Design and Analysis of Algorithms
Computer Networks Advanced Data Structures Database Management System Operating Systems Cloud Computing Linux

SKILLS

PROGRAMMING

Proficient:

• C .NET • ASP.NET APIs • MySQL • Kafka • RabbitMQ • REST APIs • Git • OOP

Intermediate:

• Angular • TypeScript • SQL Server • EF Core • AWS • Docker • Redis • Microservices • Unit Testing • DI / SOLID

Familiar:

• Domain-Driven Design • SQS / SNS • Snowflake • Avro / JSON • CI/CD • AI-Assisted Development

EXPERIENCE

FALCON AUTOTECH | SOFTWARE ENGINEER

May 2024 - Present | Noida, India

- Own .NET services connecting warehouse software with sortation machinery across India, the UK, and Saudi Arabia.
- Build and operate production services sustaining 1.5M+ requests per hour.
- Define REST contracts, MySQL schemas, service boundaries, releases, and support.
- Integrate equipment through UDP and TCP sockets, supporting 50,000+ parcels per hour.
- Decouple services with RabbitMQ and Kafka for fault-tolerant asynchronous processing.
- Troubleshoot production incidents and performance bottlenecks through root-cause analysis and sustainable fixes.

INXEE SYSTEMS PVT LTD | WEB APPLICATION DEVELOPER INTERN

May 2023 - June 2023 | Gurugram, India

- Shipped a React, Node.js, Express.js, and MongoDB inventory platform, reducing discrepancies by 25
- Optimized interface and API workflows, reducing page-load time by 25

PROJECTS

REGULATORY REPORTING PLATFORM

- Built a DDD-based compliance platform using ASP.NET Core, Angular, EF Core, SQL Server, and AWS.
- Modelled bounded contexts, aggregates, value objects, domain events, and auditable reporting workflows.
- Added Kafka and SQS messaging, JWT security, unit and integration tests, Docker, and CI/CD.

PRICE KAFKA

- Developed .NET, Kafka, and MySQL services for real-time pricing simulations.
- Designed asynchronous producers, consumers, and REST APIs for scalable event processing.
- Dockerized services and integrated them with a React interface.

REDIS API LIMITER

- Built a concurrent rate limiter using Go, Redis, Lua, and REST API principles.
- Implemented atomic operations and TTL controls for predictable throttling under load.
- Containerized and tested the service across multiple traffic patterns.

Technical Focus: C/.NET, Angular, DDD, SQL, Kafka, AWS, concurrency, testing, distributed systems, performance, CI/CD, and production reliability.