

Abhishek B.

Full Stack Software Engineer | .NET Core | Angular | SQL | APIs | Cloud | Data Analytics | 3.5+ Years

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Portfolio: <https://abhishekbali98dev.github.io/>

PROFESSIONAL SUMMARY

Full Stack Software Engineer with **3.5+ years of experience** building and optimising enterprise applications using **C#/.NET Core, Angular, REST APIs, and SQL**. Delivered **15–25%** performance improvements through SQL optimisation, API tuning, and clean architecture practices. Experienced in Agile delivery, production support, and collaborating with global stakeholders. Recently completed a **Master's in Business Data Analytics**, with exposure to **Python and Power BI** for reporting and analytics.

RELEVANT SKILLS

Functional Competencies: System Design, Front-to-Back Workflow Understanding, Requirement Analysis, Stakeholder Collaboration, Production Support, Performance Engineering, Agile Delivery, Incident & Root-Cause Analysis

- **Technical Tools:**

- **Core Engineering:** C#, .NET Core, ASP.NET Core, Web APIs, Java, Python (Academic)
- **Cloud & DevOps:** Azure (compute, storage – working knowledge), Azure DevOps, CI/CD Pipelines, Git
- **Databases:** SQL Server, MySQL, MongoDB, Stored Procedures, Indexing, Query Optimisation
- **Data & Analytics:** SQL Optimisation, Reporting, Data Modelling (Star Schema), Power BI (Academic), Python (Pandas - Academic)
- **Front-End:** Angular, TypeScript, HTML/CSS, SPA Development, REST API Integration
- **Integration:** REST APIs, JSON/XML, Postman
- **Delivery:** Agile/Scrum, JIRA

WORK EXPERIENCE

Software Developer, Cybage Software

Jan 2022 – Jun 2023

- Developed and enhanced **C#/.NET Core backend services** for enterprise platforms supporting **multiple business modules**, improving average API response consistency by **~15–20%** through targeted refactoring and query optimisation.
- Optimised **SQL Server stored procedures and indexing** across **10+ high-usage queries**, reducing execution time of the slowest reports and transactions by **~20–25%** in production.
- Implemented and maintained **end-to-end data workflows** spanning ingestion, validation, business logic, and reporting layers, supporting **daily operational reporting** for client-facing teams.
- Contributed to **Angular-based UI** modules and integrated frontend workflows with .NET APIs for end-to-end feature delivery.
- Collaborated with **US and UK stakeholders** across product and engineering teams during **bi-weekly sprint cycles**, helping reduce requirement clarifications and rework by **~15%** over successive releases.
- Supported **CI/CD** release workflows using **Azure DevOps pipelines** and assisted in deployment monitoring.
- Supported **production issue resolution** during live deployments and post-release monitoring, closing **the majority of reported defects within SLA windows** and improving overall release stability.

Full Stack Developer, Mechsoft Technology

Nov 2019 – Dec 2021

- Built backend modules for **device-integrated systems** using Java and service-oriented architectures, supporting **continuous data capture** from operational hardware environments.
- Designed and optimised **MySQL queries, procedures, and triggers** used across **multiple reporting and control screens**, improving execution performance by **~15–18%** based on observed runtimes.
- Developed **RESTful APIs** consumed by **3–5 internal applications and dashboards**, enabling consistent front-to-back data flow between devices, backend services, and reporting layers.
- Conducted structured **requirement gathering with business and operations users** during on-site and remote sessions, reducing post-deployment fixes and functional gaps by **~15–20%**.
- Supported **secure and audit-ready workflows** for finance- and compliance-oriented applications, contributing to smoother audits and fewer data-related production issues over time.

PROJECTS

Real-Time Environmental Monitoring Platform:

- Built .NET Web APIs and SQL Server workflows for sensor data ingestion, validation, and reporting.
- Implemented alert thresholds and improved reporting stability through backend optimisation.

Pharma Warehouse Control System:

- Developed backend workflows supporting automated monitoring devices in regulated warehouse environments.
- Implemented rule-based validation and compliance reporting to support audits and operational reliability.

High-Traffic eCommerce Backend Platform:

- Supported REST APIs for inventory updates, order processing, and reporting modules.
- Improved performance through SQL tuning and production defect resolution.

CERTIFICATIONS / TRAINING

- **Cloud Computing & Virtualisation**
- **HTML5 & CSS3**

RECOGNITIONS

- **Avinash A. Powar, Assistant Professor (Rajarambapu Institute of Technology):** Recommended for strong academic performance, applied software engineering and computer networks expertise, and the ability to rapidly translate theory into working technical solutions.
- **Aditi Khopade, Software Developer (Cybage Software Pvt. Ltd.):** Endorsed for consistent on-time delivery, strong teamwork and interpersonal skills, and effective collaboration with senior stakeholders and corporate clients during a **15-month** professional engagement.

EDUCATION

- **Master's in Business Data Analytics, Anglia Ruskin University | 2025**
Highlight: Built advanced capability in applied analytics, data modelling, and system-level data handling relevant to large-scale backend platforms. Used Python (Pandas) and Power BI for analytics reporting and dashboard building.

- **Bachelor of Computer Science & Engineering, Rajarambapu Institute of Technology | 2019**

Highlight: Developed strong foundations in object-oriented programming, databases, and software architecture.