Saukhyasheel Sardesai *Software Developer*

✉ saukhyasardesai@outlook.com

📞 +44 7384025477

📍 London, UK

🔗 linkedin.com/in/saukhyasheel-sardesai

🪪 Profile

A versatile Software Engineer with an MSc in Data Science from Nottingham Trent University, bringing expertise in data analysis, AI, and big data infrastructure. Experienced in full-stack development, specializing in designing robust Web APIs using C# and .NET Framework, optimizing database queries, and developing user-friendly front-end solutions with AngularJS and JavaScript. Proficient in Python, SQL, and machine learning, leveraging data science techniques to extract insights and build predictive models. Adept at delivering scalable, secure, and high-performance software solutions that align with business goals.

🎓 Education

MSc Data Science   10/2023 – 12/2024
Nottingham Trent University   Nottingham, United Kingdom

Bachelor of Engineering   08/2016 – 11/2020 | Pune, India
Marathwada Mitra Mandal College Of Engineering
Electronics and Telecommunication

💼 Professional Experience

Senior Software Developer   06/2021 – 09/2023 | Navi Mumbai, India
Capgemini Technology Services India Limited

Web API Development (.NET & Azure APIM)

- Designed and implemented 10+ Web APIs using C# and .NET Framework, ensuring seamless integration, scalability, and high performance.
- Developed secure APIs within Azure API Management (APIM) and Azure Function Apps, improving authentication and data flow between services.
- Created a duplicate entry elimination API, optimizing database integrity and reducing query execution time by 30%.

Frontend Development (AngularJS & UI/UX Enhancements)

- Led 3 frontend development projects, designing intuitive, responsive user interfaces using AngularJS, HTML, and CSS.
- Implemented business-driven UI modifications, enhancing user experience and increasing engagement by 20%.
- Optimized frontend code for faster load times, reducing page latency by 40% across multiple applications.

Database Management (SQL & Query Optimization)

- Wrote and optimized 100+ complex SQL queries, reducing query execution times by 50%, significantly improving system efficiency.
- Managed remote server databases, ensuring data consistency, security, and performance tuning across multiple projects.

Application Deployment & Security

- Deployed and maintained applications on remote servers, ensuring 99.9% uptime and optimal configurations.
- Conducted vulnerability assessments and remediation, strengthening system security and protecting sensitive user data.

🧠 Skills

C# • Angular • SQL • Java • Python • HTML • JavaScript •
Data Analysis & Visualization • React JS • CSS

📂 Projects

Capgemini Life (Vaccination Booking System)   09/2021 – 09/2022
Frontend Developer
- Led frontend development for a vaccination slot booking system, enabling all India employees to schedule vaccinations.
- Built and launched the platform in less than two weeks to meet urgent business needs.
- Used AngularJS, HTML, and CSS to create a user-friendly, responsive interface.

Authentication Web API   09/2021 – 09/2023
Backend Developer
- Developed a shared authentication Web API, standardizing user authentication across multiple applications.
- Implemented device ID verification using mobile Advertisement IDs, improving security and accuracy.
- Resolved 90% of login issues by debugging code, analyzing data discrepancies, and refining authentication processes.

Capgemini Approval Center   09/2021 – 09/2023
Backend Developer
- Built and maintained an employee management system handling timesheets, leaves, and shift approvals for all employees of more than 5 countries.
- Expanded functionality to support new leave policies across multiple countries, ensuring global compliance.
- Optimized the timesheet API, reducing synchronization issues and improving system performance by 25%.

Capgemini EAS   09/2021 – 09/2023
Backend Developer
- Developed an internal app store/play store for Capgemini employees, streamlining app access for internal tools.
- Modified Web APIs to ensure smooth integration and functionality across different applications.
- Collaborated with cross-functional teams, ensuring on-time delivery and quality enhancements.

Geo-Fence for Physical Distance Estimation   06/2024 – 09/2024
Master's Project Contributor
- Developed an Android app for logistics, integrating real-time location tracking and automated SMS notifications.
- Utilized Google Maps API for accurate driver tracking and dynamic city boundary detection.
- Designed a SQLite database for secure, offline data storage, reducing reliance on external servers.
- Automated customer alerts using Twilio API, notifying them when drivers entered designated delivery zones.

🧩 Extra

Volunteer   07/2019 – 09/2023 | Kolhapur, India
Society For Animal Protection