

# Yash Soni

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## Professional Summary

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Full Stack .NET Developer with 3+ years of experience in building scalable web applications and enterprise systems using React, .NET (Core & 7), and SQL. Proven track record in migrating monolithic apps to microservices, implementing clean architectures using SOLID principles and MVC, and delivering secure, high-performing solutions in agile teams. Experienced with Azure DevOps, CI/CD, TDD, and cloud-native deployments on Azure and AWS. Passionate about clean code, collaboration, and continuous improvement.

## Skills

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**Frontend:** React, Redux Toolkit, Next.js, D3.js, Angular, Tailwind

**Backend:** .NET6/8, ASP.NET MVC, Node.js, Express

**Languages:** C#, Python, JavaScript/TypeScript

**Databases:** MySQL, SQL Server, PostgreSQL, MongoDB, Redis

**Cloud & DevOps:** Azure, AWS, Azure Devops, Docker, Kubernetes, Git, CI/CD

**Other Tools:** OAuth2.0, ASP.NET Identity, Unit Testing, TDD

## Work Experience

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### Full Stack Developer – Tata Consultancy Services (TCS)

Oct 2020 – Aug 2023

**Tech Stack:** ASP.NET, React, Python, Azure, MySQL, MongoDB, Docker, Kubernetes

- Migrated a monolithic legacy platform to a microservices architecture using **.NET Core** and **Azure**, improving system scalability and speeding up deployment via CI/CD on **Azure DevOps**.
- Engineered **20+** RESTful APIs and microservices using ASP.NET Core following **MVC** and **SOLID** principles, increasing modularity and reducing system bugs.
- Led the integration of a **DICOM image viewer** into the EDC module using Python, expanding data capture capabilities and unlocking new B2B opportunities in pharma trials.
- Designed and deployed a secure **OAuth 2.0**-based authentication system with role-based access using **ASP.NET Identity**, ensuring compliance and user-level control.
- Implemented **Redis** Pub/Sub for real-time data updates, overcoming cache invalidation issues and enhancing clinical dashboard responsiveness.
- Applied **TDD** with 80% unit test coverage, promoting code reliability and maintainability.
- **Mentored** 3 junior developers in adopting MVC patterns and React best practices; facilitated biweekly code reviews and pair programming sessions.

### Web Developer – Hexawinds Labs Pvt Ltd

Jan 2020 – Sep 2020

**Tech Stack:** React.js, Tailwind CSS, AWS, MySQL, OAuth

- Built and maintained backend services using **Node.js**, deployed on **AWS** with auto-scaling and optimized DB queries for faster performance under load.
- Created a reusable React component library (20+ components) to standardize UI across projects and cut development time by  $\approx 15\%$ .
- Collaborated closely with design and QA teams in an **agile** environment, improving sprint velocity and inter-team coordination.

### Freelance Developer – RABA Foundation UK

Feb 2024 – Dec 2024

- Engineered a fully responsive website from scratch using **React**, **JavaScript**, and **Bootstrap**, ensuring adherence to all client specifications.
- Developed and optimised **CMS**, integrated with **MongoDB**, improving search engine rankings.
- Orchestrated seamless deployment and hosting via **AWS EC2**, ensuring high availability and performance.

## Projects

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### Fintrack – LLM integrated Personal Finance Tracker | [Link](#)

Developed a cross-platform personal finance app using React Native Expo, featuring multi-bank connect, LLM integration, OCR receipt scanning for offline expense, AI driven budgeting and expense tracking

- Integrated a Large Language Model (LLM) using a Retrieval Augmented Generation (RAG) architecture to provide personalized AI suggestions and insights, enhancing user experience and financial decision-making.
- Architected secure and performant APIs with local caching for smooth UX.

Education

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| University of Liverpool (UK) – MSc in Advanced Computer Science | Sep 2023 - Dec 2024 |
| SRM University (India) – BTech in Computer Science              | Jul 2016 - May 2020 |