

Yash Soni

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Motivated Full Stack Developer with 3+ years of experience of building scalable, high-performance web applications using modern technologies. Proficient in .NET ecosystem, React, Python, SQL/NoSQL databases and AWS cloud solutions. Passionate about emerging tech trends, with hands-on experience with Large Language Models (LLMs) and generative AI applications. Eager to tackle innovative projects and drive digital transformation in a dynamic role.

SKILLS

Languages: C#, Python, JavaScript, TypeScript

Frontend: React, Angular, Flutter, Redux, React Native, Next.js, Three.js, GSAP

Backend: .NET Core, ASP.NET Web API, Django, Node.js, Express

Cloud Technologies: Docker, Kubernetes, AWS, Azure

Other Tools: Git, CI/CD, GitHub, Postman, JSON Web Token, OAuth

Databases: MySQL, MongoDB, Microsoft SQL Server, PostgreSQL

WORK EXPERIENCE

Tata Consultancy Services (TCS)

Noida, India

Full Stack Developer

Oct 2020 - Aug 2023

TCS ADD is the drug development data management suite utilized by major pharmaceutical clients to streamline clinical trials making it more agile and safe, facilitating accelerated drug development.

Tech Stack: ASP.NET, Angular, React, Python, Azure, MySQL, MongoDB, Docker, Kubernetes, Strapi CMS

- Developed and integrated a Python-based **Medical Image (Dicom) viewer** into the EDC module, enabling efficient visualization and analysis of patient data, fostering a **15% increase** in diagnostic accuracy.
- Implemented microservices architecture that led to a **30%** improvement in data retrieval speed.
- Successfully **collaborated** with cross-functional teams to design and develop complex solutions within tight deadlines.
- Designed, built, and deployed **20+ microservices** and **APIs**, resulting in enhanced data consistency, boosted system stability, leading to elevated client satisfaction and a **10%** increase in customer retention.
- Crafted user-friendly and intuitive front-end interfaces using **React, Angular**, and **ASP.NET**, producing a **25% increase** in user engagement and **15% reduction** in user support tickets.

Hexawinds Labs Pvt Ltd

Noida, India

Web Developer

Jan 2020 - Sep 2020

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

- Developed high-performance websites using **React.js** and optimized server-side rendering, resulting in a 20% reduction in page load times, strengthened SEO rankings, increased user conversion rates.
- Actively **collaborated** with **cross-functional teams** to streamline development processes, contributing to a 15% reduction in development time, and improved team communication.
- Implemented **OAuth** for secure user authentication, enhancing platform security and improving user experience.
- Managed AWS infrastructure (**EC2, S3, Load Balancing, CloudWatch, CloudTrail**), ensuring **99.9%** uptime and successfully scaling the system to handle a **30% increase** in user traffic.

VOLUNTEERING

Freelance Developer

RABA Foundation UK

- Engineered a **responsive** website from scratch using Next.js, JavaScript, and Tailwind CSS, improving user experience.
- Managed website content using the headless CMS Strapi, resulting in a **25% improvement** in search engine rankings.
- Enhanced website security by implementing input validation and HTTPS enforcement, protecting user data and improving website credibility.

PROJECTS

Fintrack - LLM integrated Personal Finance Tracker App | [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.

Tech Stack: React Native, Express, Node, Plaid API, Gemini API, OAuth, Postman, MongoDB, Git, Docker.

- 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.
- Developed a user-friendly, responsive UI with custom theming, enhancing user experience and app engagement.
- Optimized app performance through efficient API management and local caching.

TCS Medical Data Microservice | Confidential

- Architected a **.NET Core-based microservices** system for clinical trial data processing, integrating with Azure Cosmos DB and reducing latency by **40%**.
- Implemented **Entity Framework Core** for database interactions, optimizing query performance and reducing data retrieval times by **25%**.

EDUCATION

University of Liverpool (UK) — Master's | Advanced Computer Science

Sep.2023 - Sep.2024

SRM University (India) — Bachelor's | Computer Science

Jul 2016 - May 2020