

Yash Soni

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Motivated Full Stack Developer with 3+ years of experience in developing scalable web applications using modern technologies. Expertise in .NET environment, React, Python, SQL/NoSQL databases and AWS cloud infrastructure. Enthusiastic about tech trends, and hands-on experience with Large Language Models (LLMs) and gen-AI applications. Seeking a challenging role to contribute to innovative projects and further develop my skills

SKILLS

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

Frontend: React Native, React, Angular, Flutter, Redux, 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 used by major pharmaceutical clients to streamline clinical trials making it more agile and safe, resulting in 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, leading to 15% increase in diagnostic accuracy.
- Implemented microservices architecture that resulted in a **30%** improvement in data retrieval speed..
- Successfully **collaborated** with cross-functional teams to design and develop complex solutions within tight deadlines.
- Designed, developed, and deployed **20+ microservices** and **APIs**, resulting in improved data consistency, increased system stability, leading to increased client satisfaction and a **10%** increase in customer retention.
- Designed and developed user-friendly and intuitive front-end interfaces using **React, Angular**, and **ASP.NET**, resulting in 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, improved SEO rankings, increased user conversion rates.
- Actively **collaborated** with **cross-functional teams** to streamline development processes, leading to 15% reduction in development time, 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.

Python playing GTA-V | [Link](#)

Tech Stack: Python, OpenCV

- Developed a Python program to control vehicles in GTA-V using computer vision.
- Captured and analysed frames from the screen and generated real-time keystroke bindings.

EDUCATION

University of Liverpool

Master's in Advanced Computer Science

Liverpool, UK

Sep.2023 - Sep.2024

SRM University

Bachelor's in Computer Science

Chennai, India

Jul 2016 - May 2020