

Ashwath Saxena

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Skills

Languages: C, C++, Python, HTML, CSS, Java, JavaScript, TypeScript, Perl, Data Structures and Algorithms

Framkeworks: ReactJS, NodeJS, ExpressJS, NextJS, RESTful APIs, GraphQL, TailwindCSS, Operating Systems

Tools: MongoDB, GIT, MySQL, PostgreSQL, AWS, Azure, Complexity Analysis, Test Automation, CI/CD

Soft Skills: Event Organization, Leadership, Time Management, Problem solving

Education

Netaji Subhas University of Technology, 2025
Bachelor of Technology (Electronics and Communications Engineering)

Experience

Software Development Engineer, StampMyVisa – Bangalore, Karnanata May 2025 – June 2025

- Developed responsive web pages for StampMyVisa's B2C product, improving page load speeds by 35% and mobile usability scores by 40%
- Collaborated with cross-functional teams to implement scalable UI components using Next.js, TailwindCSS, and Framer Motion, enhancing design consistency and reducing dev turnaround time by 30%

Software Development Engineer, SITE Digital Solutions – New Delhi, Delhi March 2024 – Feb 2025

- Built responsive websites for 3+ clients using HTML, CSS, JavaScript, and React, following Agile development and also optimized website performance, improving load times by 40% for client sites
- Automated workflows, reducing manual processes for 5+ clients using APIs and custom scripts

Projects

Orgo.travel Github

- Built the entire website using Next.js 15 and TailwindCSS, improving page performance, responsiveness by 40%
- Integrated Framer Motion and React Icons to enhance UI/UX, resulting in a 25% increase in user engagement and Configured TypeScript, ESLint, and Turbopack to streamline workflow

Automatic Plate Detection using Yolo V9 Github

- Achieved 90%+ accuracy in real-time plate detection using YOLO v9, optimised training with 2000+ images, reducing processing time by 15%
- Engineered an interface for detecting 200+ plates in live video and recorded footage

Peak Planner Github | Website

- Designed and executed the making of Peak Planner using React.js, Bootstrap 5 and Express.js, improving user experience and responsiveness by 40%
- Implemented PostgreSQL with pgAdmin4 for efficient data management, optimizing query performance by 30% and also integrated and tested REST APIs with Postman, ensuring 99% uptime and seamless backend communication with Node.js and Express.js

Positions of Responsibility

IEEE - The Coding Society, NSUT, Executive Committee 2021

- Hosted 7 webinars and carried out outreach activities to invite speakers from NSUT's alumni network and conducted 9 intra-society Technical Workshops regarding MongoDB and Front-End technologies
- Proposed and managed inter-society collaborations to execute 6 Coding events

Venatus - The Gaming Society, NSUT, Executive Committee 2021

- Coordinated 11 inter-college events focused on indoor gaming activities and successfully organised AIMBOT, overseeing participation of 300+ individuals independently
- Ideated and hosted 8 online gaming scrims which each had 70+ participating teams