

Suraj Sachan

Roll No.: 2101640130079

Bachelors of Technology

Information Technology

Pranveer Singh Institute of Technology, Kanpur

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🐙 GitHub Profile

🌐 LinkedIn Profile

EDUCATION

•Pranveer Singh Institute of Technology

Expected Graduation: 2025

Bachelors of Technology in Information Technology

CGPA: 7.05

- Studied courses in Database Management, Web Development, and Algorithms.
- Achieved consistent academic performance, demonstrating strong analytical and problem-solving skills.

•St. John Higher Secondary School

Graduated: 2020

Uttar Pradesh Intermediate Board, Uttar Pradesh

High School Diploma

EXPERIENCE

•Wyvate Tech Service

01/09/2023-Present

Full Stack Developer Intern

Kanpur

- Engineered and implemented the entire customer web app frontend using Next.js, Redux for state management, and Tailwind CSS, resulting in a 30% reduction in page load times and enhancing user engagement through a responsive and intuitive interface design.
- Architected the Node.js backend, enhancing server-side logic to handle 10,000 Plus concurrent users, leading to a 40% increase in system efficiency and uptime.
- Leveraged PostgreSQL for database management, crafting efficient queries that reduced query execution time by 25%, thereby enhancing data retrieval speed and maintaining 99.9% data integrity.

PROJECTS

•Ignitia 2K24 Website

05/05/2024

Spearheaded front-end development efforts for Ignitia2k24, a collaborative group project.

- Tools & technologies used: Next.js, Typescript, Tailwind, PostgreSQL
- Integrated multimedia elements including images, videos, and animations to enrich the website's visual appeal and enhance its storytelling capabilities, resulting in a 30% increase in user engagement and a more compelling user experience.
- Documented development processes, codebase structure, and project requirements, facilitating collaboration among 5 team members and ensuring project continuity and scalability.

•WYVATE - Customer Web App

02/07/2024

Engineered entire Backend With Node.js

- Tools & technologies used: NEXT.JS, Node.JS, PostgreSQL, TailwindCSS
- I architected the complete Node.js backend to handle over 10,000 concurrent users, boosting system efficiency and up-time by 40
- Designed and developed the frontend using React.js, Tailwind CSS, and GSAP, resulting in a 20% increase in user satisfaction scores.
- Engineered the backend infrastructure using Node.js and Express, optimizing data processing efficiency by 30% and achieving a 95% uptime, ensuring seamless handling of operations.
- Implemented PostgreSQL for storage, ensuring quick retrieval and scalability and Improve Performance by 60%.
- Deployed the application on an GCP Cloud-Build Instance, achieving 99.9% uptime and seamless accessibility.
- Grew user base to over 1,000 active users within the first month of launch.

TECHNICAL SKILLS AND INTERESTS

Languages: Javascript(Node.js), Python, C/C++, HTML, CSS, Typescript

Developer Tools: VS Code, Firebase, Docker, AWS EC2, Vercel, Git

Frameworks: React.js, Next.js, Tailwind CSS, GSAP(Web Animation), EJS, Bootstrap, Node.js, Express.js, REST API, Redux Toolkit

Cloud/Databases: MongoDB, PostgreSQL, AWS, Google Cloud Platform, Redis

Soft Skills: Observation, Decision making, Communication, Multi-tasking, Leadership

Coursework: Operating System (OS), Database Management System, Computer Networks

Areas of Interest: Full Stack Web Development, Machine Learning

ACHIEVEMENTS

•5th Rank in Intercollege Hackathon (MPGI HACKS) Over 600+ Competitors

15/03/2023

•Runner Up In Web Corner (an Ignitia 2K24 Competitive Event) Over 100+ Competitors

05/05/2024