Suraj Kumar

📞 +91 6207955140   ✉ Mail/Suraj   in linkedin.com/in/Suraj   🐙 github.com/Suraj7170   🌐 portfolio

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech Computer Science and Engineering	Birla Institute of Technology, Mesra	7.7 (Absolute)	2022-Present
Senior Secondary	Sainik School Tilaiya	80.8%	2021
Matriculation	Sainik School Tilaiya	94.8%	2019

TECHNICAL SKILLS

Languages: C++, Javascript/Typescript, SQL

Frameworks & Libraries: Node.js, Express.js, React.js, Next.js, fast API

Databases & Infrastructure: PostgreSQL, MongoDB, Git, Inngest, Render

Interpersonal Skills: Teamwork, Critical Thinking, Leadership, Problem Solving, Fast Learner

Problem Solving (DSA): Leetcode GFG

WORK EXPERIENCE

BIT Mesra   **Ranchi, India**
Research Intern   *May 2025 – July 2025*

Complaint Management System | *Next.Js, React.Js, Tailwind CSS , MongoDB, Node Mailer,Render* 🐙 🌐

* Designed and developed a centralized complaint management system for students and faculty at **BIT Mesra**, enabling users to lodge, track, and resolve issues across departments through a unified web interface.
* Designed and implemented role-based modules for students and administrators with distinct dashboards and functionality, ensuring clarity in responsibility and transparent resolution pipelines.
* Built an **admin dashboard** for real-time complaint monitoring and resolution tracking, reducing average resolution time by **50%** and eliminating manual paperwork.
* Used **MongoDB (local)** to store structured complaint data and user records; enabled quick retrieval and issue tracking with filtered views for different departments.
* Deployed the system on **Render** (backend) and **Vercel** (frontend), ensuring **99.9%** uptime and **mobile-friendly** access across campus.

PROJECTS

WeCARE | *Next.Js, React.Js, Strapi, Tailwind CSS , Clerk, Render* 🐙 🌐

* Built a scalable full-stack doctor appointment system using **Next.js and Strapi**, allowing patients to seamlessly book, reschedule, and cancel appointments in real-time while ensuring efficient content management through a headless **CMS architecture**.
* Implemented secure, role-based authentication using **Clerk**, managing access for over **500+ patients, doctors, and admins**, ensuring data protection and compliance with privacy standards.
* Streamlined online payments by integrating **Stripe**, ensuring a **100% transaction success rate**, and supporting automated billing, appointment confirmation, and transaction history.
* Integrated a patient health record module enabling doctors to access vitals and medical history before consultations, reducing preparation time by **over 15 minutes per appointment** and enhancing diagnostic accuracy.

EduVerse | *Next.js, Tailwind CSS, JavaScript, Inngest, Stripe, Clerk, Neon, Gemini* 🐙 🌐

* Developed a full-stack LMS platform using **Next.js and Tailwind CSS**, enabling **300+ students and instructors** to manage courses, track progress, and submit assignments.
* Implemented secure authentication via **Clerk**, reducing unauthorized access by **100%** and streamlining user onboarding.
* Integrated AI-powered features using **Gemini**:
    * Adaptive learning paths boosted course completion rates by **40%**.
    * Automated quiz generation saved instructors **10+ hours/week**.
* Added payment processing with Stripe, enabling monetization of 50+ courses with a **95%** successful transaction rate.

ACHIEVEMENTS

* Secured **4687** rank in Leetcode contest
* Solved **1000+ questions** on various coding platforms including LeetCode and GFG.
* Cleared R.D. Camp and earned **NCC 'A' Certificate**.

LEADERSHIP EXTRACURRICULARS

* **Parade Commander, NCC RD Camp** – Led **27 cadets** in Republic Day Parade; awarded **Best Marching Contingent**.