

AVNINDRA KUMAR SINGH

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OBJECTIVE

Highly motivated Computer Science undergraduate with strong expertise in Data Structures & Algorithms, Web Development (MERN Stack), and scalable system design. Passionate about solving real-world problems and building efficient software solutions. Seeking challenging software engineering roles to contribute to impactful projects and continuously grow in a fast-paced environment.

EDUCATION

- Dronacharya College of Engineering, Gurugram
B.Tech in Computer Science | 2022 – 2026
- Jesus & Mary School, Lucknow
Intermediate (CBSE) | 2019 – 2021 | 79%
High School | 2018 – 2019 | 80%

TECHNICAL SKILLS

- **Languages:** C, C++, Java, Python
- **Web Technologies:** HTML, CSS, JavaScript, ReactJS
- **Tools & Platforms:** Git, GitHub, Pycharm
- **Coursework:** Operating Systems, Computer Networks, Databases, IoT, Blockchain

PROJECTS

AIR POLLUTION FORECASTING PLATFORM [Live Demo: air-pollution-tracker.Vercel.app](#)

Built a React + FastAPI platform to predict and display AQI using satellite and weather data with real-time alerts.

BLOODYUNITY – Real-time Blood Donation App

Developed a mobile app using Java, Firebase & Map-box API for real-time matching of blood donors and recipients with privacy controls.

INTERNSHIPS / CERTIFICATIONS

- **Mahindra & Mahindra Limited – Intern** | June–July 2024
Industry-level research and training project.
- **Microsoft Azure Fundamentals (AZ-900)**
Cloud concepts, IaaS, PaaS, SaaS, and Azure services.
- **Frontend Web Development**
Certificate course in HTML, CSS, JavaScript, React basics.

EXTRACURRICULAR ACTIVITIES

- Represented **Uttar Pradesh U-16 Cricket Team**
- Participated in **District-Level Shooting Competition**