

SUDHANSHU RANJAN

✉ sudhanshusr007@gmail.com | 📞 7763046798 | [in linkedin](#) | [github](#)

EDUCATION

BENNETT UNIVERSITY

Sept 2021 – Mar 2025 (expected)

- B.Tech CSE | CGPA: 7.53
- Specialization: Full Stack Development

J.D. PUBLIC SCHOOL (CBSE)

Aug 2019 – Mar 2020

- Percentage: 78.8

EXPERIENCE

Full Stack Development Intern

Jun 2024 – Jul 2024

Xebia

- Spearheaded a team of 4 to develop 'Mortis,' a hospital management system, completing the project within the internship timeline.
- Designed an online booking system for appointment scheduling in under 7 seconds with optimized loading times of 5-10 seconds.
- Implemented a user portal for medical history upto 5 years, appointment status, and doctor selection.
- Created a doctor interface for managing 100+ appointments and patient interactions.
- Developed an admin dashboard for adding up to 1,000 new doctors, and boosted hospital resource efficiency with medical appliance maintenance tracking.

PROJECTS

Mortis

Jun 2024 - Jul 2024

- Architected a hospital management system using React, MongoDB, Express.js, and Node.js for hospitals with over 100 staff members.
- Optimized the appointment booking process by 40% and deployed the application on Vercel and Render.

Scribble

May 2024 - Jun 2024

- Created a highly interactive note-taking application using the MERN stack.
- Streamlined organization and note management for 150+ users with features like search and pin.

LostSpot

Mar 2024 - Apr 2024

- Built a secure online lost and found system using HTML, CSS, JS, and Django in a 24-hour hackathon.
- Realized an 80% efficiency improvement over traditional methods.

Driver Drowsiness Detection System

Aug 2023 - Dec 2023

- Built a driver drowsiness detection application using OpenCV, tested on over 2,000 images.
- Mitigated the risk of accidents due to drowsiness by 30% through real-time video analysis.

BU AutoAttendance

Jul 2023 - Nov 2023

- Engineered an automatic attendance system using HTML, CSS, JS, Django, and OpenCV saving upto 80% time wasted in manual entries.
- Facilitated a 40% reduction in classroom overcrowding with integrated face recognition technology.

SKILLS

Technical Skills: •

- **Programming & Development:** DSA (Data Structures and Algorithms), OOPS, Git, GitHub, RESTful API, Agile, SaaS
- **Web Technologies:** HTML, CSS, JavaScript, React, React Native, Bootstrap, Tailwind CSS, EJS, TypeScript, SEO
- **Backend & Databases:** Node.js, Express.js, MongoDB, MySQL, DBMS, Spring, Spring Boot
- **Machine Learning & AI:** Python, AI, NumPy, Pandas, Matplotlib, Gen AI Prompts, OpenCV
- **Additional Tools & Technologies:** MS Excel, Operating Systems (OS), Computer Networks (CN)

Languages: • Python, R, C, C++, Java

CERTIFICATIONS & AWARDS

- Meta Frontend Developer, Coursera
 - Meta Backend Developer, Coursera
 - Google: The Bits and Bytes of Computer Networking
 - Optimizing a Website for Google Search, Coursera
 - Software Engineering: Software Design and Project Management, Coursera
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EXTRACURRICULAR ACTIVITIES

Secretary

Sept 2022 – Aug 2023

Full Stack Club

Bennett University

- Led workshops on Figma and Wix, training over 100 participants.
- Doubled event participation in iCosmic, enhancing club engagement and visibility by 100%.
- Mentored more than 100 students in learning fullstack development.

Social Media Head

Sept 2022 – Aug 2023

GeeksForGeeks BU

Bennett University

- Spearheaded and executed technical events like CodeDate and Spin the Code, engaging over 500 participants.
 - Partnered with cross-functional teams to design event agendas, select coding challenges, and develop interactive sessions.
 - Mentored and nurtured newcomers, facilitating their integration into the community of more than 500 students.
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SOFT SKILLS

- **Team Collaboration:** Led and collaborated with diverse teams to achieve common goals.
- **Flexibility:** Quickly adjusts to new technologies and fast-changing environments.
- **Clear Communication:** Articulates technical concepts in an easily understandable manner, both verbally and in writing.
- **Strategic Analysis:** Leverages data-driven insights to formulate and execute effective strategies.