

Chandan Kumar Singh

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EDUCATION

- National Institute of Technology, Silchar** Assam, India
Bachelor of Technology - Electrical Engineering; CGPA: 7.47 July 2021 - June 2025
- M S College, Motihari** Bihar, India
ISC: Percentage: 87.4 July 2017 - April 2019

INTERNSHIP EXPERIENCE

- SN BOSE INTERN** Onsite
Machine Learning Intern (Full-time) June 2024
 - Research and Analysis:** Conducted deep analytical research on MRI data, using advanced statistical techniques to uncover critical patterns indicative of early Alzheimer's markers.
 - Model Development:** Engineered and refined machine learning models, focusing on convolutional neural networks, to achieve groundbreaking accuracy in the detection of Alzheimer's disease.

PROJECTS

- E-commerce Website**
A full-stack MERN e-commerce website May 2024
 - Development:** Spearheaded the development of a robust e-commerce platform, ensuring a seamless user experience from browsing to checkout.
 - Authentication:** Implemented advanced user authentication and authorization mechanisms with JWT, bolstering site security and user data integrity.
 - API Design:** Crafted and integrated sophisticated RESTful APIs to streamline product, order, and user management processes, significantly improving operational efficiency.
 - Payment Integration:** Seamlessly integrated multiple payment gateways, including credit cards and PayPal, ensuring a secure and versatile transactional environment.
 - Technologies:** Leveraged a diverse tech stack including HTML, CSS, JavaScript, Bootstrap, NodeJS, ExpressJS, MongoDB, and Git, demonstrating comprehensive full-stack development skills.
- Video-Chat Website**
A dynamic and interactive video chat website using React July 2024
 - Development:** Developed a dynamic and interactive video chat website using React.
 - Performance Optimization:** Optimized performance for various devices and browsers, enhancing accessibility and usability.
 - Technologies:** Used technologies like HTML, CSS, TypeScript, Bootstrap, and extensively utilized Chrome Developer Tools and Git for version control and debugging.

SKILLS

- Languages:** Proficient in C++, Java, Python, SQL, JavaScript
- Frameworks:** Experienced with Django, NodeJS, ReactJS
- Tools:** Skilled in Microsoft Office (PowerPoint, Excel, MS-Word), PowerBI, GIT, PostgreSQL, MySQL, SQLite
- Soft Skills:** Leadership, management skills, problem-solving, critical thinking, time management, teamwork
- Other Skills:** OOPS, Microsoft Excel, WordPress

POSITIONS OF RESPONSIBILITY

- Teaching Head at Gyansagar:** Responsible for coordinating and leading educational programs
- Senior Executive Member at Illuminits:** Played a key role in strategic planning and execution of club activities.

CERTIFICATIONS

- Advanced Google Analytics Certificate:** [link](#)
- Microsoft Excel:** [link](#)
- Business Analysis and Management:** [link](#)

HONORS AND AWARDS

- 2nd Runner-Up at NITS Hacks:** October 2022
- Winner in Cricket Tournament of Electra Cup:** Led the team as a captain - October 2022

OTHER INTERESTS/EXTRACURRICULAR ACTIVITIES

- Cyber Security:** Actively engaged in learning and applying cybersecurity best practices in personal and academic projects.
- Stock Market:** Regular participant in stock market trading, focusing on building a diversified investment portfolio.
- Chegg Expert:** Contributor as an expert in electrical engineering, helping students worldwide with complex problems.
- Sports:** Lead as a Captain of the Cricket team of my college; also actively involved in Table Tennis and Volleyball.