Chandan Kumar

Aspiring Full Stack Developer | Cloud & Machine Learning Enthusiast

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Professional Summary

Computer Science undergraduate with experience in full stack development (Node.js, Firebase, JavaScript), cloud technologies (AWS, Firebase), and machine learning. Comfortable with Git-based version control, object-oriented principles, and data structures. Strong analytical thinker and collaborative team member. Actively seeking opportunities in Full Stack, Backend, AI/ML, and Technical Analyst roles to gain hands-on industry experience.

Education

Jaypee University of Information Technology, B.Tech. in Computer Science — 2022–2026
CGPA: 7.3/10

A.S. College, Bikramganj (BSEB) — 2020
Class XII – Score: 78%

The Divine Public School, Bikramganj (CBSE) — 2018
Class X – Score: 74%

Experience

Full Stack Developer Intern – Unified Mentor Pvt. Ltd. — Feb–Mar 2025

- Designed and deployed 2 real-time full stack applications using Node.js, Firebase, HTML, and JavaScript.
- Integrated Firebase Auth, Realtime Database, and Hosting for complete deployment pipelines.
- Collaborated via GitHub using branching, pull requests, and documentation best practices.

Projects

Super Mall Web App – Node.js, Firebase, HTML/CSS
REST-based e-commerce app with Google Maps API and product/offer management.

Real-time Chat App – JavaScript, WebSockets, Firebase
Group messaging platform with dynamic room creation and responsive UI.

AI-Driven Intrusion Detection System – ML pipeline on UNSW-NB15 dataset
Used SMOTE, ensemble models (Random Forest, XGBoost, KNN, CatBoost). Accuracy: 96.4%.

Technical Skills

Languages: C, C++, Python, JavaScript
Web Dev: HTML, CSS, JavaScript, Node.js, REST APIs
ML: scikit-learn, Pandas, NumPy
Cloud & Databases: Firebase (Auth, Realtime DB, Hosting), MySQL, AWS
AI Tools: AWS PartyRock, SageMaker, Foundation Models
Tools: Git, GitHub, VS Code, Postman, Firebase CLI

Certifications

- Machine Learning Specialization – Coursera
- Introduction to Cloud Computing – IBM (Coursera)
- Git and GitHub – IBM (Coursera)
- Web Development – IBM (Coursera)
- Generative AI with AWS – AWS AI & ML Scholars Challenge (2025)

Extracurricular Activities

NCC Cadet – 1 HP Bn NCC (B Certificate Holder)
Completed ATC-131 and ATC-196 camps. Demonstrated leadership, discipline, and time management.

Cyber Security Consultant (Virtual) – Deloitte Australia (Forage)
Simulated a cyber breach response: log analysis, threat detection, and mitigation strategies.