

SHIVAM VERMA

B.Tech Computer Science and Engineering | GNIOT, Greater Noida  
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Portfolio: [Shivam-avish235](#)

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## OBJECTIVE

Passionate 3rd-year B.Tech CSE student with strong foundations in C++ (DSA), Web Development (MERN), and Machine Learning. Seeking opportunities to apply technical expertise and build scalable, real-world solutions in AI, Blockchain, and Full-Stack Development.

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## TECHNICAL SKILLS

Programming: C++, C, Python, Java (Basics), JavaScript

Web Development: HTML5, CSS3, React.js, Tailwind CSS, Node.js, Express.js, MongoDB

AI/ML: NumPy, Pandas, Scikit-learn, Matplotlib, XGBoost, Random Forest, Flask

Tools & Platforms: Git, GitHub, VS Code, Linux, SDL (C++)

Core Concepts: Data Structures & Algorithms, OOPs, DBMS, Operating Systems, Blockchain (SHA-256, PoW basics).

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## INTERNSHIPS & CERTIFICATIONS

- **Virtual Internship** – Machine Learning Engineer | SmartBridge & SmartInternz | **Jun– Aug 2025.**  
Worked on Employee Productivity Prediction project using ML models (Linear Regression, Random Forest, XGBoost) and deployed via Flask.
  - **Student Development Program** – C Programming | IFACET IIT Kanpur | Sept **2024 – Jan 2025**  
Completed certified training on C programming fundamentals and problem solving.
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## PROJECTS

- Employee Productivity Prediction (ML Project) | **Jun– Aug 2025.**  
Built a Flask app to predict garment worker productivity using ML models with preprocessing, feature engineering, and visualization. — GitHub: [employee-performance-ml](#)
- Bitcoin Mining Simulator with AI Insights (Ongoing)  
MERN + Python project simulating blockchain Proof-of-Work using SHA-256, with AI models predicting mining time & difficulty. — GitHub: [Blockchain-simulator](#)

- Disaster Management System (Hackathon Project) — GitHub:  
<https://github.com/Shivam-avish235/Disaster-management> | **July 2025**  
Built real-time rescue coordination app using React.js & Tailwind CSS with interactive disaster mapping.
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## ACHIEVEMENTS

- Completed ML Virtual Internship (SmartInternz) [certificate](#)
  - Semi-finalist — Vyto Hack Clash Hackathon
  - Semi-finalist — Yukti Hackathon (GNIOT)
  - Semi-finalist — Smart India Hackathon(2024)
  - Completed IIT Kanpur Certified Program in C Programming [certificate](#)
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## EDUCATION

B.Tech (CSE) — Greater Noida Institute of Technology (AKTU) | **2023–2027**  
12th — Saraswati Vidya Mandir, **2023**  
10th — Saraswati Vidya Mandir, **2021**

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## STRENGTHS

Problem Solving | Quick Learner | Teamwork | Communication | Adaptability