NIKHIL KUMAR

CSE (AI) Undergraduate • Software Development

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Professional Summary

Motivated Computer Science and Engineering (AI) student at Bihar Engineering University, Patna. Skilled in C, C++, Python, and modern web technologies (HTML, CSS, JavaScript). Strong interest in cyber security and ethical hacking with hands-on projects and relevant certifications. Focused on building reliable, user-centric software and growing expertise in AI and security.

Education

Bachelor of Technology, CSE (AI) Bihar Engineering University, Patna • 2022 – 2026

Senior Secondary (12th) BSEB, Patna • 2019 – 2021

Secondary (10th) BSEB, Patna • 2018 – 2019

Skills

Programming
- C, C++ (Data Structures and Algorithms)
- Python
- Java (Basics)

AI
- Machine Learning (basics)
- Artificial Intelligence concepts

Web
- HTML, CSS, JavaScript
- Responsive UI, Accessibility Basics

Security
- Cyber Security (Basics)

Tools
- Linux (basics), Git/GitHub
- VS Code

Projects

Seal Force Security Management Concept • Python (conceptual)
- Designed a concept for managing security operations with role-based flows and basic threat categorization.
- Focused on clear data structures and process mapping to support future implementation.

Certifications

Cisco Networking Fundamentals Cisco • 2024
- Completed comprehensive training on network fundamentals, protocols, and infrastructure.
- Gained expertise in network design, troubleshooting, and security best practices.

Python Programming & Data Science   Online Platform • 2024

- Mastered Python programming fundamentals, data structures, and algorithms.
- Applied data science concepts including data analysis, visualization, and statistical methods.

Cyber Security Fundamentals   Security Training Provider • 2024

- Acquired knowledge in security principles, threat detection, and vulnerability assessment.
- Explored ethical hacking concepts, penetration testing basics, and security protocols.

Linux System Administration (Basics)   Linux Foundation • 2025

- Learned essential Linux commands, file system management, and user administration.
- Practiced shell scripting, process management, and system monitoring.

Web Development   Web Development Course • 2025

- Developed proficiency in HTML5, CSS3, and JavaScript for building responsive web interfaces.
- Created interactive web applications with modern UI/UX principles and accessibility standards.

Additional

Strengths

- Curiosity and consistent learning
- Problem-solving and persistence
- Team collaboration and communication

Hobbies

- Reading (tech & fiction)
- Cricket
- Movies (sci-fi, action)

Declaration

I hereby declare that the information provided is true and correct to the best of my knowledge and belief.