Ayush Kumar Tiwari

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EDUCATION

Bachelor of Technology in Computer Science and Engineering May 2022 – May 2026

National Institute of Technology Nagaland NIT Nagaland,India CGPA: 7.8/10

DPS

Major: Science and Mathematics

TECHNICAL SKILLS

- **Languages:** Python, Java, C++, C, JavaScript
- **Web Development:** React.js, Node.js, Express.js, HTML, CSS, Bootstrap, Flask
- **Databases:** MySQL, MongoDB
- **ML Tools & Libraries:** Scikit-learn, NumPy, Pandas, Matplotlib
- **Tools & Platforms:** Git, GitHub, Netbeans, VS Code, Jupyter

PROJECTS

❖ **EasyBooking – Online Booking Platform** [Live Demo] Summer 2025

- Developed a full-stack booking platform using the MERN stack, allowing users to create, browse, and manage property listings with authentication and authorization features.
- Implemented RESTful APIs in Express.js and MongoDB for secure data storage and retrieval.
- Designed a responsive front-end with React and Bootstrap.

  Tech Stack: MongoDB, Express.js, React, Node.js, EJS, Bootstrap, JavaScript, CSS

❖ **UPI Fraud Detection System** Fall 2024 – Ongoing

- Designed and implemented a machine learning-based UPI fraud detection system utilizing Random Forest and Logistic Regression algorithms, achieving an accuracy of 80% on test datasets.
- Built an interactive Flask web application for real-time fraud detection with a clean user interface and integrated API endpoints for data prediction.

  Tech Stack: Python, Flask, Pandas, ML models.

❖ **Personal Health Management Website** [Live Demo] Spring 2023

- Built dynamic front-end components using HTML, CSS, and JavaScript; utilized form validation for improved user experience.
- Connected to a backend database using Flask and MySQL, storing user medical history, generating personalized health tips based on user inputs.

  Tech Stack: HTML, CSS, JavaScript, Flask, MySQL

ACHIEVEMENTS/ CERTIFICATES

❖ **IBM Data Fundamentals Certificate – IBM SkillsBuild**

❖ **Front-End Development – Simplilearn**

❖ **Advanced Python Programming – Simplilearn**

❖ **Machine Learning with Python – freeCodeCamp**

❖ **JavaScript & Data Structure – freeCodeCamp**

ALGORITHMIC COMPETITIONS/ VOLUNTEER EXPERIENCE

❖ **Hackathon Winner – Apex University** March 2024

- Secured 1st place by demonstrating exceptional problem-solving skills in competitive programming challenges.

❖ **Mood Indigo Organizer – Indian Institute Of Technology Bombay** September 2024

- Awarded certificate for significant contributions in event planning and execution.

❖ **Event Coordinator – Ekarikthin Tech Fest** March 2023

- Led coordination and promotion efforts for one of the largest techno-cultural fests in Nagaland.

❖ **Algorithmic Excellence** 2023 – Present

- Solved over 300+ DSA problems & completed 100+ coding challenges on CodeForces ,LeetCode & HackerRank.

ADDITIONAL INFORMATION

Languages

- English
- Hindi

Hobbies

- Yoga
- Cricket
- Chess

Soft Skills

- Leadership
- Teamwork
- Problem-solving