Tushar Jaiswal

tjaiswal2003@gmail.com
linkedin.com/in/tushar-jaiswal-1332a1270   +91-7393968095
github.com/tjaiswal2003   Naini, Prayagraj

Education

- **United College of Engineering and Research** — Prayagraj, India
  B.Tech in Computer Science and Engineering — *2022 – 2026*

Internship Experience

- **Front-End Web Development Intern** — Aug 2025 – Oct 2025
  Edunet Foundation – AICTE Internship (IBM SkillsBuild Program)
  - Built a responsive project using **HTML, CSS, JavaScript**.
  - Completed IBM SkillsBuild modules and mentor-led sessions.
  - Presented final project applying real-world problem solving.

- **Green Skills with AI Intern** — Aug 2025 – Sep 2025
  Shell–Edunet Foundation – AICTE Internship
  - Worked on **data preprocessing, visualization, model building and evaluation**.
  - Attended weekly mentoring sessions with industry experts.
  - Built and presented a prototype solving real-world problems at a regional showcase event.

Projects

- **Health Harbour – Hospital Management System**:
  - Developed a comprehensive hospital management system covering modules for patients, doctors, nurses, and inventory.
  - Integrated AI-based medicine recommendation, appointment scheduling, and automated billing.
  - Implemented secure storage for medical reports and real-time emergency services tracking.

- **Heart Disease Prediction**:
  - Built machine learning models (Logistic Regression, Random Forest, Decision Tree) for heart disease prediction.
  - Conducted feature engineering, exploratory data analysis (EDA), and model evaluation (ROC-AUC, precision, recall), achieving **85% accuracy**.

- **Sudoku Solver**:
  - Developed a Java application implementing the **backtracking algorithm** for efficient puzzle solving.
  - Designed a GUI with real-time interaction, input validation, and optimized search performance.

- **Simon Game**:
  - Created an interactive browser-based game using HTML, CSS, and JavaScript with DOM manipulation.
  - Implemented dynamic sequence generation, audio-visual feedback, and score tracking features.

Skills

- **Programming Languages**: Python, Java, C
- **Web Technologies**: HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, REST APIs
- **Data Science & ML**: Regression, Classification, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn
- **Databases**: SQL, MySQL
- **Tools & Frameworks**: Git, VS Code, Android Studio, Eclipse

Certifications

- **IBM (Coursera)**: HTML, CSS, JavaScript
- **IBM (Coursera)**: Machine Learning
- **Udemy**: 100 Days of Code: Python
- **IIIT Allahabad**: Java Programming
- **Top Notch College**: Machine Learning

Extra-Curricular Activities

- **Hackathon**: UHACK 3.0 - National level hackathon
- **Coding Competitions**: Active participant in AINCAT, HackerRank, LeetCode, and workshops