HIMANSHU SAINI

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EDUCATION

Graphic Era Hill University, Dehradun   *Sep 2021 – Jul 2025*
B.Tech in Computer Science and Engineering

- CGPA: 7.91 / 10.0
- **Coursework:** Data Structures & Algorithms, Operating Systems, Object-Oriented Programming

Nav Jeevan Mission School, Kushinagar   *Apr 2019 – May 2020*
Senior Secondary (Class 12)

- Percentage: 81.6%

Nav Jeevan Mission School, Kushinagar   *Apr 2017 – Mar 2018*
Secondary (Class 10)

- Percentage: 88%

PROJECTS

Quiz Application - Spring Boot Microservices Based Platform   *Feb 2025 - Apr 2025*
Tools Used: *Spring Boot, React.js, PostgreSQL, Docker, Eureka, API Gateway*   *Project Link* ↗

- Developed a full-stack **quiz application** with a **Spring Boot microservices backend** and a **React.js frontend**.
- Used **PostgreSQL hosted on Render**, containerized services using **Docker**, and implemented **Quiz, Question Services, API Gateway, Eureka**.

Airbnb Clone - Rental Booking Platform   *July 2024 - August 2024*
Tools Used: *EJS, JavaScript, Node.js, Express.js, MongoDB, Render*   *Project Link* ↗

- Built an **Airbnb-like platform** with **dynamic listings**, user authentication, and booking management.
- Developed a **RESTful API** using **Node.js, Express.js, and MongoDB** and deployed on **Render.com**.

Image Classification - Deep Learning Application   *April 2024 - June 2024*
Tools Used: *TensorFlow, CNN, Python, Tkinter*   *Project Link* ↗

- Built a **GUI-based image classification application** using **TensorFlow** and **CNN**, achieving **83% accuracy**.
- Designed an **intuitive interface** for **real-time image prediction** and user-friendly deep learning model interaction.

Smart Employee Manager - Employee Management System   *Jan 2023 - March 2023*
Tools Used: *Java Swing, MySQL*   *Project Link* ↗

- Developed an **Employee Management System** with a **Java Swing UI** and **MySQL** database.
- Implemented **CRUD operations** and ensured **seamless database connectivity** for an enhanced user experience.

TECHNICAL SKILLS

Languages: Java, C, C++, Python, JavaScript, SQL
Technologies: Spring Boot (Basic), Node.js, React.js, REST API, Machine Learning
Tools & Frameworks: Git, GitHub, VS Code, Jupyter Notebook, Google Colab, Cloud Computing (AWS - Basic)
Databases & Systems: MySQL, MongoDB, Linux, Shell Scripting, Docker (Basic)

ACHIEVEMENTS/ CERTIFICATIONS

Solved 350+ algorithmic challenges on coding platforms   LeetCode Profile ↗

- Strengthened problem-solving skills in data structures, algorithms, and competitive programming across LeetCode, GeeksforGeeks, Codeforces, and CodeChef.

Java Spring Framework 6 with Spring Boot 3 - Udemy   Certificate Link ↗

- Developed enterprise-level applications using Spring Boot, Spring MVC, REST APIs, JPA, Security, Docker, and Microservices.

Deep Learning A-Z - Udemy   Certificate Link ↗

- Designed and optimized deep learning models for tasks like image classification and sentiment analysis using CNNs and neural networks.