

AANAND MAHAWAL

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Portfolio

LinkedIn

GitHub

LeetCode

GeeksforGeeks

EDUCATION

National Institute of Technology, Kurukshetra

2022 – 2026

B.Tech - Electronics and Communication Engineering - **Current CGPA - 8.58**

Kurukshetra, Haryana

SKILLS

Languages: C, C++, Java, JavaScript, Python, SQL

Computer Fundamentals: OOPS, DSA, Computer Network, DBMS, Operating System

Technologies/Frameworks: HTML, CSS, JavaScript, React, Node.js, MongoDB, Git, Github, Machine Learning, Deep Learning

EXPERIENCE

Research Intern | NIT Kurukshetra

Jun 2025 – Jul 2025

- Engineered a lightweight, Python-based cipher encryption system ensuring end-to-end secure communication.
- Designed to withstand brute-force and cyber attacks using robust cryptographic techniques.

Python Developer Intern | EiSystems

May 2024 – Jun 2024

- Contributed to diverse Python-based projects, applying various coding methodologies in practical scenarios.
- Enhanced programming skills and gained hands-on experience with real-world development workflows.

Web Developer Intern | CodeTech IT Solutions

May 2023 – Jun 2023

- Contributed to the development of dynamic web applications using modern front-end and back-end tools.
- Gained hands-on experience in full-stack development with latest web technologies and agile practices.

PROJECTS

Users Next location Prediction

- Developed an end-to-end machine learning pipeline to predict users' next geographic location using spatial-temporal trajectory data and movement trends.
- Applied Random Forest algorithm with feature scaling, hyperparameter tuning, and model evaluation techniques to enhance prediction accuracy and robustness.

Virtual Assistant

- Developed a full-stack customizable virtual assistant with personalized name and avatar support, enhancing user engagement and interactivity.
- Integrated Gemini API for intelligent responses, leveraging dynamic frontend-backend communication for real-time assistant behavior.

Tomato

- Developed a full-stack MERN food delivery platform with secure payments, dynamic menu flow, and seamless ordering experience.
- Integrated React, Node.js, Express, and MongoDB with an admin dashboard.

POSITION OF RESPONSIBILITY

Shiksha - Volunteer Educator

- Spearheaded free educational sessions and impactful academic events, fostering holistic student development.
- Championed leadership, communication, and collaborative growth through immersive, hands-on teaching experiences.

NSS (National Service Scheme) - Volunteer

- Led civic initiatives and outreach campaigns promoting sustainability, equality, and social reform.