

# Ojus Gupta

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## SUMMARY

AI/ML Engineering student with demonstrated experience building end-to-end, data-driven applications. Proven ability to develop high-accuracy predictive models and secure full-stack web applications, showcased through award-winning projects and a commitment to solving complex, real-world problems.

## EDUCATION

### VIT Bhopal University

B.Tech in AI & ML (CGPA: **8.04** – XII: **84%** – X: **90%**)

Expected May 2027

Bhopal, M.P.

- **Winner (1st Place), Linpack Hackathon:** Secured first place for creating a high-performance Algorithm Visualizer praised for its practical, educational design.

## EXPERIENCE

### Web Developer Intern

Nifty Invest

July 2025 - Present

India

- Developing full-stack features for a portfolio tracking application using the MERN stack.
- Assisting in engineering a scalable backend and secure REST APIs for a health and wellness platform.
- Currently developing a native mobile application using Android Studio to extend platform functionality.

### Core Team Member

Software Development Club, VIT Bhopal

Jan 2025 - Present

Bhopal, M.P.

- Led UI/UX design for major campus events, resulting in a student participation increase of over **40%**.
- Mentored junior members in front-end development, enhancing team productivity and code quality.

## PROJECTS

### Full-Stack CRM Portal

Personal Project

MERN Stack, Chart.js, JWT

- Architected a full-stack CRM portal to manage client data and interactions.
- Designed and implemented dynamic dashboards with KPIs for sales and customer engagement tracking.
- Engineered secure authentication with role-based access control to ensure data integrity.

### Crop Disease Prediction

Deep Learning Project

Python, TensorFlow, CNN, Streamlit

- Architected a CNN to identify **10+** crop diseases, reaching **95%** validation accuracy.
- Built an interactive web app using Streamlit for instant diagnosis from uploaded images.

### Full-Stack MERN To-Do List

Personal Project

React.js, Node.js, MongoDB

- Built a secure, full-stack application with JWT-based authentication and real-time data sync.
- Designed a responsive, component-based UI in React for a seamless cross-device experience.

## TECHNICAL SKILLS

- **Languages:** Python, C++, SQL, Java
- **Machine Learning & Data Science:** TensorFlow, PyTorch, Keras, Scikit-learn, NumPy, Pandas
- **Web Development:** MERN Stack (MongoDB, Express.js, React, Node.js), REST APIs
- **Developer Tools:** Git, Docker, AWS, Android Studio

## CERTIFICATIONS

- Machine Learning Specialization (Coursera)
- Microsoft Certified: Data Analyst Associate
- Generative AI for Developers & Business Leaders
- Data Structures & Algorithms (NPTEL)