

OJASVI DHRUV PANDEY

Bhopal, Madhya Pradesh

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LinkedIn

GitHub

Summary

Third-year B.Tech Computer Science (AIML) student at VIT Bhopal with 4 months of paid Product Tech internship experience. Strong in C++, Python, Java, C#, and full-stack development using React.js and SQL. Experienced in deep learning, scalable web applications, and leadership roles. Seeking Software Development internship opportunities.

Education

Vellore Institute of Technology, Bhopal

2023 – 2027

B.Tech - Computer Science and Engineering (AIML) **CGPA: 8.21**

Bhopal, Madhya Pradesh

Sanskar Global School

2020 – 2022

Class XII: **79%** — Class X: **88%**

Pratapgarh, UP

Technical Skills

Programming: C++, Python, Java, C#, JavaScript, SQL

Web Development: HTML, CSS, React.js, Node.js, MERN Stack

Game Development: Unity 3D

Machine Learning: CNN, OpenCV, Scikit-learn

Databases: MongoDB, MySQL

Tools: Git, GitHub

Experience

Product Tech Intern – Uptodd.com

Dec 2024 – Mar 2025

Paid Internship

Remote

- Contributed to live product feature development and platform optimization.
- Collaborated with engineering and product teams in an agile workflow.
- Improved frontend-backend integration ensuring scalable and efficient code.

Projects

Leaf Disease Detection using Deep Learning | Python, CNN, OpenCV

- Built a CNN-based image classification model to detect plant leaf diseases.
- Performed image preprocessing, augmentation, and model optimization.
- Developed a lightweight interface for real-time prediction.

Cell Division Game (Conway's Game of Life) | React.js

- Developed an interactive simulation of Conway's Game of Life using React.
- Implemented grid-based cellular automata logic with dynamic rendering.
- Added user controls for simulation speed, reset, and real-time updates.

Leadership Experience

Club Secretary

2024 – Present

VIT Bhopal

Bhopal, Madhya Pradesh

- Managed club operations and coordinated multiple technical events.

Marketing Lead

2023 – 2024

University Club

VIT Bhopal

- Led branding and outreach initiatives increasing participation and visibility.

Achievements & Certifications

- 2× National Finalist – Case Competitions at IIT Delhi and IIM Indore.
- Elite Certificate in Machine Learning – IIT Madras.
- Google IT Support Professional Certificate.
- MERN Full Stack Development Certification – Ethnus.