OJASVI DHRUV PANDEY

Bhopal, Madhya Pradesh

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Summary

Third-year B.Tech Computer Science 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 ***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.