AYUSH ANAND

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SKILLS

Languages: C++, C, Python, PHP, HTML, CSS
Frameworks & Libraries: Node.js, React.js, Flask, Bootstrap
Databases: MySQL
Courses: OOP, Data Structures & Algorithms, Operating Systems, Computer Networks, RDBMS, AIML

EXPERIENCE

AICTE, Shell India & Edunet Foundation (Skills4Future Program) – Intern (AI & Data Analytics) — *Apr 2025 – May 2025*
- Developed a CNN-based system (TensorFlow, Gradio) to identify whether a plant is healthy or diseased, and classify the specific disease with ~89% accuracy.

PROJECTS

1.**PayPal Clone (GitHub)**
- **Tech Stack:** Python Flask, MySQL, SQLAlchemy, WTForms, Jinja2, Bootstrap, JavaScript, Requests API
- **Key Features:** Secure authentication, multi-currency support (8 currencies), real-time money transfers, transaction history, responsive dashboard.
- **Impact:** Full-stack payment processing replicating PayPal's core functionalities with robust security and international payment capabilities.

2.**Food Delivery Management System (GitHub)**
- **Tech Stack**: Node.js, Express.js, MySQL, HTML/CSS/JavaScript, bcryptjs, JWT, Google Generative AI API, Axios.
- **Key Features**: Secure authentication, restaurant management, order processing, payment integration, delivery staff tracking, AI-powered SQL query processing.
- **Impact**: Streamlined food delivery ecosystem with scalable architecture and advanced AI-driven query capabilities

3.**Plant Disease Detection System (GitHub)**
- **Tech Stack:** TensorFlow, Gradio, Python, NumPy, Matplotlib, PIL
- **Key Features:** CNN-based classification for 38 plant diseases, real-time image upload, probability visualization, responsive Gradio interface.
- **Impact:** Achieved ~89% validation accuracy, enabling real-time disease detection for sustainable agriculture.

EDUCATION

Manipal University Jaipur **2023-2027**
(B. TECH CSE-IOT & IS)- 9.22 CGPA (current)

PUBLICATIONS

Book Chapter (Accepted): Co-authored a book chapter titled *Emotion and Intent Detection in Hate Speech*, accepted for publication under faculty guidance at Manipal University Jaipur.

CERTIFICATIONS, AWARDS & PUBLICATIONS

- **Dean's List Award for Excellence in Academics** in second(9.29), third(9.08), fourth(9.81) = (2024 & 2025)
- **HackeRank**: CSS(Basic), Javascript(Intermediate), SQL(Basic) 05/25
- **Coursera**: Exploring C 04/24. Intro to Machine Learning 04/25, React Basics 04/25, Single Page Web Apps with AngularJS 04/25.
- **Google Cloud**: Generative AI 12/24, Responsible AI 12/24 Vertex AI 01/25, BERT 02/25,
- **Cisco:** CCNA – Introduction to Networks 11/24
- **NPTEL**: Programming in Modern C++ 09/24 , DBMS 03/25 , DAA-09/25
- **Deloitte** - Data Analytics Job Simulation 10/25