

HIMANSHU KUMAR

📞 +91-9472194965 ✉ himanshuvatsa22@gmail.com 🔗 [linkedin.com/in/h1m4nshu](https://www.linkedin.com/in/h1m4nshu) 🐙 github.com/h1m4nshuu
🌐 h1m.netlify.app Bhopal, India

Education

Oriental Institute of Science & Technology

Bhopal, India

Bachelor of Technology in Computer Science and Business Systems

Expected Graduation: 2027

- CGPA: 7.5/10.0
- Relevant Coursework: Data Structures, Algorithms, Database Management, Operating Systems, Web Development, Business Analytics, Machine Learning

Experience

Data Analyst Intern

July 2025 – October 2025

Hackveda

Remote

- Analyzed large datasets using Python, Pandas, and NumPy to extract actionable business insights
- Created data visualizations and dashboards to communicate findings to stakeholders
- Performed data cleaning, preprocessing, and exploratory data analysis on real-world datasets
- Collaborated with cross-functional teams to identify trends and patterns in data

Android Developer Virtual Intern

October 2025 – December 2025

Google

Virtual

- Completed comprehensive training in Android app development using Kotlin and Android Studio
- Built mobile applications following Material Design guidelines and best practices
- Implemented user interfaces, navigation, and data persistence in Android apps
- Gained hands-on experience with Android SDK, APIs, and mobile development workflows

Projects

Defendish - Family Safety App | Python, Computer Vision, OCR, NLP, ML, Flask | 🐙

2025

- Developed family safety application to track and protect families from expired products and allergic ingredients through intelligent product scanning
- Implemented hybrid OCR and NLP system to extract MFG, EXP dates, and ingredient lists from product packaging with high accuracy
- Built allergen detection system that alerts users when scanned products contain ingredients matching their family's allergy profiles
- Created expiry tracking dashboard to monitor household products and send notifications before expiration to prevent consumption of unsafe items
- Integrated computer vision preprocessing and ML validation to handle varied packaging formats and ensure reliable data extraction

Technical Skills

Programming Languages: Python, C, C++

AI & Machine Learning: Machine Learning, Computer Vision, OCR, Natural Language Processing, Scikit-learn

Data Science & Analytics: Pandas, NumPy, Data Analysis, Data Preprocessing, Statistical Analysis

Cybersecurity: Kali Linux, Nmap, Network Security, Security Protocols, Cryptography

Developer Tools: Git, GitHub, VS Code, Android Studio, Canva, Cisco Packet Tracer

Mobile Development: Android, Kotlin, Material Design

Web Technologies: HTML, CSS, JavaScript, Flask

Concepts: Data Structures, Algorithms, OOP, Image Processing, Database Management

Achievements & Certifications

Google Android Developer Virtual Internship - Completed comprehensive Android development training (Oct - Dec 2025)

Hackveda Data Analyst Internship - Successfully completed 3-month data analysis internship (July - Oct 2025)

Cisco Cybersecurity Essentials - Network security, cryptography, and security protocols certification

Cisco Packet Tracer - Network simulation, design, and configuration certification