

V.YASHWANTH KUMAR

9951810271 yashwanthkumarv155@gmail.com [Linkedin](#) [Leetcode](#) [CodeChef](#) [GitHub](#) [Portforlio](#)

PROFESSIONAL SUMMARY

Aspiring Computer Science undergraduate with hands-on experience in full-stack web development, AI/ML applications, and IoT-based systems. Proficient in building scalable and user-centric solutions using React.js, Python, SQL, and Firebase, with a strong foundation in Data Structures and Algorithms. Experienced in translating real-world problems into practical technical solutions through academic projects and hackathons. Adept at collaborative development, analytical thinking, and continuously learning emerging technologies to deliver impactful outcomes.

EDUCATION

Computer Science Engineering Anurag University	CGPA : 8.68 (4 th Sem) 2023-Present
XII FIITJEE Jr College	92.5% 2021-2023
X St.Pious X School, ICSE	93.5% 2020

SKILLS

- **Languages :** Python, Java, C, Javascript
- **Markup/Styling :** HTML, CSS
- **FrameWorks :** ReactJs, NodeJs, SpringBoot
- **IoT :** Rasberry Pi, Esp32, Arduino
- **Deployment Tools :** Git, GitHub
- **Databases :** MongoDB, SQL, Firebase

PROJECTS

AI-Driven Academic Execution Planning Platform:-

Developed an AI-powered academic planning platform generating constraint-based schedules and execution milestones.

Tech Stack: **React.js, FastAPI, Python, Groq API, LLaMA 3, Firebase Firestore, Google Colab**

FarmTools – Agricultural Equipment Marketplace:-

Created a full-stack marketplace enabling secure equipment discovery, booking, and supplier communication.

Tech Stack: **MongoDB, Express.js, React.js, Node.js, Redux, JWT Authentication, Socket.io, MongoDB**

Blue Future – Smart Water Management System :-

Built an IoT- and AI-enabled water monitoring system for real-time tank level tracking and overflow prevention. Enabled long-range campus communication with intelligent water analytics.

Tech Stack: **ESP32, TensorFlow, Firebase, ReactJs, Gemini AI API**

AI-Enabled Smart Plant Care System:-

Designed an IoT edge system for plant disease detection with automated pesticide control. Delivered remote monitoring and alerts through a mobile app integrated with cloud-based analytics.

Tech Stack: **ESP32-CAM, TensorFlow, MobileNetV2, Firebase, ReactJs, Arduino IDE**

HandCricket Game:-

Built a responsive multiplayer cricket game with real-time score synchronization. Focused on smooth gameplay, animations, and mobile-first user experience.

Tech Stack: **HTML5 Canvas, JavaScript (ES6), Firebase Realtime Database, CSS3, Bootstrap**

INTERNSHIPS AND EXPERIENCE

Virtual Internship in Networking – Cisco	(June-August 2025)
Virtual Internship (AICTE) – ServiceNow	(October 2025)
AIML Virtual Internship (AICTE) – Google	(July – September 2025)
GenAI Virtual Internship (AICTE) - Google	(April-June 2025)

LEADERSHIP

PRESIDENT- IoT Technical Club - AU (July 2025 - Present)

Organized multiple technical events and led outreach programs to promote hands-on learning and awareness in IoT technologies across the campus.

PARTICIPATION AND ACHIEVEMENTS

- Secured 4th Position in CodeFiesta 5.0 Hackathon (SKSVMA College) - Web Development domain
- Participated in 4 hackathons across Web Development, IoT, and AI/ML domains
- Participated in TEJAS2025 Expo, Anurag University – Represented CSE Dept
- Developing an AI-IoT powered Automated Water Management System with ₹2 Lakhs Hive funding
- LeetCode Highest Rating - 1640
- 5 Star Rating - Python - Hackerrank

CERTIFICATIONS

Smart Coder - Smart Interviews

100 Days of Code Python Pro Bootcamp- Udemy

ReactJs - Infosys

MongoDB Developers TookKit - GeeksForGeeks

MongoDB for SQL Experts - MongoDB

CCNA Introduction to Networks - Cisco

Introduction to OS (Top 5%) - NPTEL

Java Fundamentals - Infosys

Applied AI - Build AI Agents - IBM