

# K YUGAVARDHAN

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## CAREER OBJECTIVE

Aspiring Computer Science Engineering student with experience in web development, databases, and software engineering. I enjoy building practical digital solutions using modern web technologies, Python, and SQL, and have grown through leading and collaborating within a student programming community. I am particularly interested in applying technology, including AI-driven systems, to solve real-world problems and create meaningful, measurable impact across domains such as healthcare and beyond.

## EDUCATION

### The Apollo University

Chittoor (AP), India - 9.59 GPA

September 2023–Present

## INTERNSHIP & WORK EXPERIENCE

### Apollo Knowledge

Web Developer Intern

May 2025 - Aug 2025

- Built a full-stack responsive website using latest frontend technologies, Firebase (Auth, Hosting, Firestore), and SEO integrations.
- Designed a custom CMS panel and integrated CRM-ready inquiry forms and analytics dashboards.

### AI Hayys Singapore

Web Developer Intern

Aug 2024 - Oct 2024

- Designed UI/UX for a business site, improving user engagement via intuitive layouts.
- Collaborated across time zones with backend and design teams for performance optimization.

## PROJECTS

### AI-Based Productivity Tracker

**Technologies:** Python, Streamlit, Google Gemini API, Data Visualization

- Developed an AI-assisted system to log, process, and analyze user activity data in real time.
- Implemented intelligent task prioritization and pattern-based recommendations using AI models.
- Emphasized structured data handling, analytics pipelines, and system optimization.

### Voice-Controlled Virtual Assistant

**Technologies:** Python, NLP, Speech Recognition

- Built a modular voice-controlled system capable of executing commands and responding to queries.
- Implemented intent recognition and command routing using natural language processing.
- Designed with extensibility in mind for automation and control-based applications.

## TECHNICAL SKILLS

- **Languages:** Python Programming, Java (Fundamentals), JavaScript, C
- **Machine Learning:** Data preprocessing, exploratory data analysis, supervised learning, model evaluation (NumPy, Pandas, scikit-learn)
- **Web Technologies:** HTML5, CSS3, React.js, JavaScript, Firebase (Auth, Firestore, Hosting)
- **Databases:** MySQL, MongoDB
- **Tools:** Git, GitHub, VS Code, Streamlit, Jupyter, Google Colab
- **CS Fundamentals:** Data Structures & Algorithms, OOP, OS, Computer Networks, DBMS

## EXTRA - CURRICULAR ACTIVITIES

- **Student Convenor & Innovation Ambassador**, IIC – The Apollo University.
- President & Student Mentor, CodeXTAU Society | Led teams, organized 10+ workshops/events.
- **Student Coordinator**, MUN & Philately Clubs | Hosted **15+ academic/non-academic events**.
- **Team Lead, Software Systems Project** — Led cross-functional teams through end-to-end system design, development, and delivery.
- **Honors:** Winner – **IdeaTAUn 2025** | Runner-Up – **TAR'IGYM 2024** | Finalist – **IIT Tirupati Space Ideathon** | Finalist - **ICADT (VIT Digithon)** | Participant – **AIU Anveshan (South Zone)**