

# A.K. HARSHA VARDHAN

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## PROFESSIONAL SUMMARY

Junior IT student with an interest in software development and web technologies. Learning and gaining experience in C++, Python, and JavaScript through academics and personal projects. Seeking an Internship to gain hands-on experience and grow as a software engineer.

## EDUCATION

<b>Aditya University</b> <i>Information Technology; CGPA 8.49/10.00</i>	Jan 2023 — Apr 2027 Kakinada, AP
<b>Coursework:</b> Operating Systems, Data Structures and Algorithms, Database Management Systems, Programming in Java	
<b>Narayana Junior College</b> <i>Intermediate (Maths, Physics, Chemistry); Score:90.5% / 100%</i>	Jun 2021 — May 2023 Vijayawada, AP

## SKILLS

<b>Programming Languages</b>	C, C++, Python, Java, React , JavaScript, SQL, HTML/CSS
<b>Web Technologies</b>	React, RESTful API, MySQL, PostgreSQL, Git, Github, Linux
<b>Other Tools and libraries</b>	Tkinter, Pillow, OpenCV, Arduino Uno.

## WORK EXPERIENCE

<b>Frontend Developer</b> <i>Technical Hub - Aditya University</i>	May 2025 - Present Kakinada, AP
<ul style="list-style-type: none"><li>Developed a web platform, <b>SkillHance</b>, to guide engineering students with resources on branches, coding fundamentals, programming languages, and career pathways.</li><li>Implemented interactive features including subject overviews, quizzes, and study-abroad guidance modules with enhance user engagement.</li><li>Applied frontend Technologies like <b>React</b>, <b>HTML</b>, <b>CSS</b> for responsive and user-friendly interface and collaborated with peers and mentors to refine features, triage issues and improve platform usability.</li><li>Gained hands-on experience in frontend development workflows, version control and deployment.</li></ul>	
<b>Cyber Security Intern</b> <i>Supraja Technologies</i>	May 2025 - Jun 2025 Vijayawada, AP

## PROJECTS

<b>AI Connect</b> (Github Link)	Jun 2025 - Aug 2025
<ul style="list-style-type: none"><li>Implemented '<b>AI Connect</b>', a centralized web platform featuring a dynamic, card-based UI to provide students with curated AI tools, practical use-cases, and real-time industry news.</li><li>Developed and integrated a key module allowing users to create and configure personalized AI agents, leveraging REST APIs for task automation and to deliver up-to-date content.</li><li>Tech Stack: HTML, CSS, JavaScript, REST APIs.</li></ul>	
<b>Placify</b> (Github Link)	Jun 2025 - Aug 2025
<ul style="list-style-type: none"><li>Built a career-readiness platform by developing a front-end that efficiently tracks student placements and centralizes access to curated professional development courses.</li><li>Implemented an intelligent agent that leverages real-time API calls to automatically fetch and deliver personalized interview materials, company-specific roadmaps, and instant job/internship updates.</li><li>Tech Stack: HTML, CSS, JavaScript, REST APIs.</li></ul>	
<b>Maze-solver</b> (Github Link)	Mar 2025 - Apr 2025
<ul style="list-style-type: none"><li>Designed and implemented an autonomous maze-solving robot by implementing the FloodFill algorithm in C++, enabling efficient, real-time calculation and navigation of the shortest path.</li><li>Integrated a multi-sensor array, including ultrasonic sensors and a servo motor, for robust obstacle detection and optimized the hardware stack for superior navigational control.</li><li>Tech Stack: C++, Arduino IDE, IoT Tools</li></ul>	