

# PAVANI SRI BHUVI PAMIDIMUKKALA

[mail:pavanisribhuvi@gmail.com](mailto:pavanisribhuvi@gmail.com)

[LinkedIn](#)

[GitHub](#)

[HackerRank](#)

[CodeChef](#)

+91 7901383504

## ABOUT:

---

Computer Science undergraduate with strong foundations in Java ,Data Structures and Object Oriented programming. Experience in building API-driven applications and scalable prototypes through hackathons and independent projects. Interested in distributed systems and backend engineering.

## EDUCATION:

Course	Institute	Year	% /CGPA
B. Tech, Computer Science & Engineering	Prasad V Potluri Siddhartha Institute of Technology, Kanuru, AP	2025 (3 <sup>rd</sup> semester)	9.47 CGPA
Intermediate, MPC	Narayana Junior College, Vijayawada, AP	2024	96.7%
SSC	Sri Vijnana Vihara English Medium High School, Vijayawada, AP	2022	92.6%

## TECHNICAL SKILLS:

---

- **Programming:** Java Python C SQL
- **Software Engineering:** Data Structures & Algorithms, Object Oriented Programming, Database Management Systems
- **Web & Tools:** HTML, CSS, Gradio , Git, VS Code.
- **AI & Machine Learning:** Generative AI, Prompt Engineering,API Integration
- **Data Analytics & Tools:**Real-time management via Google Sheets API
- **Soft Skills:** Leadership, Strategic Communication, Distributive Team Collaboration, Time Management

## PROFESSIONAL EXPERIENCE & PROJECTS:

---

### FOODMATES- Real-Time Redistribution Platform:

- Designed a Python-based backend prototype for real-time food surplus management.
- Integrated Google Sheets API for dynamic data storage and retrieval.
- Built an interactive interface using Gradio deployed on HuggingFace Spaces.
- Implemented event-based matching algorithm connecting food donors with nearby NGOs.
- Reduced manual coordination by automating surplus food reporting and allocation workflow.

### AccessLearn AI – Inclusive Learning Website:

- Built an accessible learning website using HTML, CSS, JavaScript and Firebase
- Implemented three modes ( Normal ,Blind, Deaf ) to support different user needs.
- Added audio narration for visually impaired users and subtitles for video lectures for hearing-impaired users.
- Designed the platform following inclusive web accessibility principles.

## LEADERSHIP EXPERIENCE:

---

**Workshop coordinator-PVPSIT:** Coordinated a 10 day “Innovation & Entrepreneurship” workshop, managing logistics and facilitating sessions to promote modern industry practices among peers. Demonstrated strong communication skills and logical planning to ensure the smooth execution of event.

## KEY ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES:

---

- **Coding Badges:** Earned Hacker Rank Java 4-star Badge and Code Chef Problem Solver Gold Badge
- **IBM Skills Build- Project Based Learning with AI:** Completed technical training with practical capstone project execution.
- **Introduction to Cloud Computing |Infosys Springboard:** Certified in Cloud computing fundamentals
- **Cisco NetAcad | Python Essentials:** Mastered Python syntax,debugging,& modular coding for backend development.
- **United Latino Students Association| Generative AI:** Certified in LLM fundamentals, ethical AI usage & generation tools.
- **Team Leader |Smart India Hackathon(Internal):**Led a 6-member team to top selection coordinated prototype development.
- **Infosys Springboard:** Selected for “Pragati-Path to Future (Cohort 7)” women-in-tech mentorship program.
- **Aspire Leaders Program:** Completed global leadership development curriculum founded by Harvard faculty.
- **The Hindu Step:** Certified in professional English proficiency and Business Communication.
- **NSS Volunteer:** Actively participated in community service initiatives and organized campus welfare drives.