

# PALLAVI

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## SUMMARY

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I'm a final-year Computer Science Engineering student with a strong foundation in full-stack development and practical knowledge in C and Java. Passionate about building scalable, user-friendly web applications and contributing to organizational success through technical innovation and continuous learning.

## SKILLS

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**Programming Languages:** C, Python

**Web Development:** HTML5, CSS, JavaScript, React, Node.js

**Database:** SQL, MongoDB

**Software Proficiency:** MS Excel, MS PowerPoint, MS Word, MS Outlook

**Libraries, Tools Processes:** NumPy, Pandas, OpenCV, Git

**Soft Skills:** Communication, Quick Learner, Teamwork, Time Management

## INTERNSHIPS

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### AIML Engineer Intern at Rooman Technologies

Sep 2024 – Jan 2025

As part of my AIML internship, I deployed a genomic data analysis model on Vercel, built a scalable backend, and developed an interface for genetic variation analysis, gaining hands-on experience in machine learning tools.

### Web Development Intern at Unified Mentor

July 2024 – Sep 2024

Completed three projects during the internship, including an image slider, visual gallery, and blog website. Gained hands-on experience in front-end development and responsive design.

### Web Development Intern at Techsculpt technologies

Sep 2023 – Oct 2023

Completed a college-level internship in full-stack development using Node.js, gaining hands-on experience in building scalable web applications.

## PROJECTS

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### ECO CHAIN

Blockchain-Based Project Website, Metamask

Developed a decentralized waste management system using blockchain to transparently track waste from source to disposal, ensuring accountability and promoting eco-friendly practices. The system enhances traceability, prevents data manipulation, and supports sustainability goals for a cleaner environment.

### EMPTY SALINE BOTTLE DETECTION SYSTEM

IoT-Based Project Arduino, Sensors, C++

Created an IoT-based system to detect and alert when a saline bottle is empty using SMS notifications. Developed as part of the ACCS Design Challenge.

### AGRI WEB HUB

Agriculture Platform System HTML, CSS, JavaScript, SQL, PHP

Built a website facilitating direct communication between farmers and sellers. Utilized HTML, CSS, and JavaScript for the front end, and PHP and MySQL for the back end.

### PROCESS SCHEDULING ALGORITHM USING OPENGL

System Visualization OpenGL, C++

Developed a process scheduling application in OpenGL to visualize CPU scheduling algorithms with real-time graphical representation.

### HERACADEMIA APP

App Development Dart, Flutter

Designed a Flutter app focused on women's empowerment through education, featuring dynamic content and real-time updates.

## BLOOD CONNECT

Web Development HTML, CSS, JavaScript, PHP, SQL

Developed a blood donation website to connect donors and recipients, featuring donor registration, recipient search, and real-time alerts for urgent requests. The platform also raises awareness about blood donation with user-friendly and responsive design.

## EDUCATION

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### Visvesvaraya Technological University

*B.E in Computer Science , CGPA : 8.8*

PA College of Engineering, Mangalore

*Dec 2021 – April 2025*

### Karnata State Board

*PCMC, Percentage : 92*

GPUC , Kundapura

*June 2019 – April 2021*

## ACHIEVEMENTS

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Selected for IEEE Sustain Fiesta'24

Semi-finalist of ACCS'23 National Level Project Competition at Maker Village,Kochi

Recieved Goodies by Goodle Cloud for completing the google cloud study gam program

Participated in 24 hours Niv-Hack'23 , Eco-equify'24

## CERTIFICATIONS

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- Salesforce course
- Frontend development course by Meta
- Python certifications including data science
- AWS Certified Developer - Associate Certification