

# Swayam Wakodikar

Portfolio  
GitHub

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## EDUCATION

- **Vellore Institute of Technology–AP** Amaravati, Andhra Pradesh, India  
• *Bachelor of Technology – Electronics and Communication Engineering; GPA: 8.75* Sep 2024 – Aug 2028

## SKILLS SUMMARY

- **Languages:** C++, Java, JavaScript, SQL, Python, TypeScript
- **Frameworks:** React.js, Next.js (App Router), Express.js, Node.js, Tailwind CSS, Bootstrap, Arduino Framework (ESP32)
- **Tools:** Git, GitHub, VS Code, Postman, MongoDB Compass, Bash
- **Platforms:** Linux (Ubuntu), Web, ESP32, Arduino, Google Cloud Platform (GCP)
- **Soft Skills:** Problem-solving, Analytical Thinking, Clear Communication, Team Collaboration, Adaptability, Time Management

## EXPERIENCE & HACKATHONS

- **Google DevSprint '25** Feb 2025  
• *Hackathon Participant — Team Project*
  - **Jeevandhara — Smart Medicine Reminder & Consultation System:** Created a healthcare-focused application supporting medication reminders and basic consultation workflows for multiple user profiles.
  - **Full-Stack Implementation:** Built a cross-platform solution including a Python (Tkinter) desktop application and a responsive web interface using HTML, CSS, and JavaScript.
  - **Hackathon Execution:** Collaborated in a team of 4 to ideate, implement, and deliver a functional prototype within a 48-hour hackathon timeline.
- **Google TechSprint '25** Dec 2025  
• *Hackathon Participant — Team Project*
  - **VPLACE — AI-Powered Placement Preparation Platform:** Architected and executed a centralized full-stack web application to support resume building and placement preparation for student users.
  - **Technical Implementation:** Built frontend components using Next.js (App Router) and React, and integrated Firebase Authentication and Firestore for backend services.
  - **Hackathon Outcome:** Delivered a functional prototype under strict time constraints and placed among the top 20 teams out of 100+ participants.

## PROJECTS

- **ChatApp – Real-Time Messaging System (WebSockets):** Engineered a low-latency, bidirectional real-time messaging system enabling instant communication between multiple users. Integrated custom event handling for real-time status updates and message delivery.
- **YourLedger – Smart Expense Tracker:** Built a comprehensive financial tracking application featuring automated expense categorization and visual data analytics. Implemented a responsive dashboard to help users monitor spending habits and budget goals in real time.

## CERTIFICATIONS

- **Full Stack Web Development – Udemy** Jan 2026  
• *HTML5, CSS3, JavaScript, React.js, Tailwind CSS, Express.js, Node.js*

## VOLUNTEER EXPERIENCE

- **Registration Committee Member** Amaravati, Andhra Pradesh, India  
• *National Semiconductor Technology Symposium, VIT–AP* Sep 2025
  - Assisted in participant registration, attendee coordination, and on-site logistics for a national-level academic symposium.