

# Prajwala Yadlapalli

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LinkedIn | GitHub

## Education

<b>B.Tech. Computer Science and Engineering</b> , Amrita Vishwa Vidyapeetham	2022 - 2026
<ul style="list-style-type: none"><li>• <b>CGPA:</b> 9.87/10.0</li><li>• <b>DSA:</b> Grade-O, <b>DBMS:</b> Grade-O</li></ul>	
<b>Higher Secondary School</b> , Board of Intermediate Education Andhra Pradesh	2020 - 2022
<ul style="list-style-type: none"><li>• <b>Percentage:</b> 95%</li></ul>	
<b>High School</b> , Andhra Pradesh Board of Secondary Education	2019 - 2020
<ul style="list-style-type: none"><li>• <b>Percentage:</b> 97%</li></ul>	

## Projects

<b>Django CRM App</b> Web Development Project	May 2024 – Jun. 2024 GitHub
<ul style="list-style-type: none"><li>• <b>Objective:</b> Built a web-based CRM system, enabling user registration, authentication, and CRUD operations for customer management.</li><li>• <b>Tools Used:</b> Django, Python, MySQL</li><li>• <b>Impact:</b><ul style="list-style-type: none"><li>– Implemented secure user authentication with Django's built-in system, including hashed passwords and session management for controlled access.</li><li>– Developed a user-friendly interface for performing CRUD operations on customer records, integrated with a Django backend and MySQL database for real-time updates.</li><li>– Configured a MySQL database for structured storage of customer data, ensuring efficient data retrieval via Django ORM.</li><li>– Automated data handling to replace manual record-keeping, reducing errors and saving time through intuitive forms and backend validation.</li><li>– Ensured data security by using Django ORM to prevent SQL injection, implementing HTTPS for encrypted communication, and managing access with user roles.</li></ul></li></ul>	
<b>BookFinder</b> Data Management Project	Jan. 2024 – Feb. 2024 GitHub
<ul style="list-style-type: none"><li>• <b>Objective:</b> Developed a system to load book datasets from Excel files, store them in an SQLite database, and allow users to query based on genre and rating preferences.</li><li>• <b>Tools Used:</b> Python, Pandas, SQLite</li><li>• <b>Impact:</b><ul style="list-style-type: none"><li>– Automated the process of loading and storing book data in an SQLite database for fast querying.</li><li>– Implemented search filters for genre and rating, improving accuracy and speed in finding relevant books.</li></ul></li></ul>	
<b>HACKxAMRITA 1.0 Website</b> Web Application Project	Mar. 2023 – Apr. 2023
<ul style="list-style-type: none"><li>• <b>Objective:</b> Developed a fully functional, interactive website for the HACKxAMRITA 1.0 hackathon, designed to serve as a centralized platform where participants, mentors, and organizers could seamlessly access event information and updates.</li><li>• <b>Tools Used:</b> HTML, CSS, JavaScript, Bootstrap, Node.js</li><li>• <b>Impact:</b><ul style="list-style-type: none"><li>– Created a responsive event schedule, sections for FAQs, team registration, and judging criteria, improving accessibility for attendees.</li></ul></li></ul>	

- Integrated backend functionality to store participant registration details from an Excel sheet, ensuring smooth data management and easy retrieval.
- Enabled real-time updates and announcements, keeping participants informed throughout the event.
- Developed a secure admin login console for judges, where they could log in with a password and enter marks for each evaluation criterion. This feature was not accessible by participants, ensuring data privacy.
- Streamlined the winner selection process by automatically sorting and calculating scores based on the judges' inputs, simplifying the post-event evaluation.
- Streamlined event participation and collaboration by centralizing all event-related resources in a single platform.

## Skills

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**Programming :** C, Python, HTML, CSS, JavaScript, Java

**Lib/Frameworks :** Django, NumPY, Pandas, Scipy, Matplotlib, Seaborn, Keras, Tensorflow

**Databases and Tools :** Windows, VS code, Github, SQL, SQLite, Ubuntu

**Cloud & APIs :** AWS (Certified Cloud & AI Practitioner), Hugging Face API, Firebase API, Postman API, OpenWeatherMap API

## Achievements

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- **Winner DecodeX 2025** — National-level 24-hour hackathon at N. L. Dalmia Institute of Management Studies and Research. *Feb. 2025*
- **Grand Prize Finalist HackSRM6.0** — National-level 24-hour hackathon in SRM-AP. *Feb. 2025*
- **Finalist Gen AI X Gender Hackathon, Amrita University** — Organized by Amrita University's School of Social and Behavioral Sciences in collaboration with the UNESCO Chair on Gender Equality and Women's Empowerment. *Jan. 2025*
- **AWS Certified AI Practitioner Early Adopter, AWS** — Earners of this badge passed the AWS Certified AI Practitioner exam by February 15, 2025. *Jan. 2025*
- **Finalist Serve-Smart National Hackathon , IIT BHU, Varanasi** — A flagship AI & ML Hackathon organized as part of Jagriti 2025, the annual socio-awareness festival of IIT (BHU) Varanasi. *Jan. 2025*
- **International Global Representative, AYUDH** — Representative of AYUDH India at the International Global Summit with 300+ participants from 27 countries, held in Amritapuri, India. *Dec. 2024*
- **Event Organizing Lead, HACKxAMRITA 1.0**, Inter-College Hackathon with 400+ participants. *Nov. 2024*
- **Elite + Silver - IIT Kharagpur, Data Structure and Algorithms using Java**, on NPTEL. *Oct. 2024*
- **MERCARI Women Hackathon**, Top 30 female engineering students across India. *Oct. 2024*
- **Winner - HackSRM 5.0, Open Innovation Track**, National-level 24-hour hackathon in SRM-AP. *Feb. 2024*
- **Runner-up - VIT-APP'24, Takeshi's Code Castle**, International technical fest in VIT-AP. *Feb. 2024*
- **Winner - Book Review Competition**, International English Language Day in AVV Amaravati. *Apr. 2024*
- **Elite + Silver - IIT Madras, Python for Data Science**, on NPTEL. *Apr. 2024*
- **Top 2% Elite + Gold - IIT Ropar, The Joy of Computing Using Python**, on NPTEL *Nov. 2023*

## Key Leadership & Community Roles

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- **Founder**, Prachurya Tech Community, Mentored 50+ students in Python programming. *Oct. 2023 – Present*
- **Editor**, IEEE Women in Engineering Magazine *Oct. 2023 – Present*

- **Vice Chair**, IEEE AVV Amaravati Student Chapter

Jun. 2023 – Feb. 2024

## Certifications

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- **AWS Certified AI Practitioner**, AWS
- **AWS Certified Cloud Practitioner**, AWS
- **Postman API Fundamentals Student Expert**, Postman

[Credential] *Jan. 2025*

[Credential] *Jan. 2025*

[Credential] *Jul. 2024*