

# VANGALA PRANITEJ

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## EDUCATION

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**Bachelor of Technology**, Vaagdevi College of Engineering  
Computer Science Engineering (AI and ML)

2021-2025  
GPA - 7.3/10

## SKILLS

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<b>Programming Languages</b>	C, Python, Java
<b>Web Technologies</b>	HTML, CSS, JavaScript
<b>Frontend Development</b>	ReactJS, Vite, Bootstrap, Material-UI (MUI), Tailwind CSS
<b>Backend Development</b>	ExpressJS, NodeJS, NextJS, SpringBoot
<b>Databases</b>	MySQL, MongoDB, Oracle
<b>Tools and Platforms</b>	Git, GitHub, AWS, Figma
<b>Other Skills</b>	Machine Learning, REST APIs

## PROJECTS

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**Turbo Thrills** [\(Live Demo — GitHub\)](#)

Developed a full-stack e-commerce platform using MERN Stack, enabling car buying/selling with user authentication, search, and secure payment integration.

- Implemented user authentication, role-based access, and an Admin portal for managing customers, records, and car listings with advanced search/filtering.
- Integrated Redux in a MERN stack project, improving data flow efficiency and reducing retrieval time by 30%.
- Streamlined car buying/selling processes for users and admins, boosting performance and user experience.

**School Project** [\(Live Demo — GitHub\)](#)

Created a comprehensive real-time educational platform for U.S. school featuring distinct Portals for Admin, Parents, and Teachers; facilitated seamless attendance tracking and syllabus management.

- Built frontend with ReactJS and Material Bootstrap, by reducing load times by 2+ seconds.
- Optimized school operations, enhanced parent-teacher interaction, and added advanced search/filtering.
- Developed admin tools to manage users, records, and system configurations for seamless oversight.

**Hackathon Project** [\(GitHub\)](#)

Designed a hackathon platform with ReactJS, Bootstrap, and NodeJS, featuring Admin and Student Portals, coding tests, leaderboard tracking, and a custom compiler for C, Python, and Java.

- Integrated admin and student portals for hackathon management, facilitating registration, coding tests, and real-time leaderboard tracking.
- Built a custom compiler using NodeJS supporting C, Python, and Java, achieving 20% faster test case execution.
- Added code-based tests with predefined case passes for practical coding and efficient hackathon management.

## CERTIFICATIONS

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- Summer of AI Internship - Swecha.
- AWS Academy Cloud Foundations - AWS Academy.
- Python 101 for Data Science - Cognitive Class (Powered by IBM).
- Full Stack Development (MERN Stack) - Apex Software Development & Training Centre.