

NIDDANA RAVITEJA

Roll No.: 22PA1A05B3

Computer Science and Engineering

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GitHub Profile

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EDUCATION

•Computer Science and Engineering

Vishnu Institute of Technology, Bhimavaram

2022-26

CGPA: 8.21

PERSONAL PROJECTS

•RideMyWay – Pi Coin-Based Smart Ride-Sharing Solution

Developed a web application enabling riders to share their rides with others by charging Pi coins.

- Enabled riders to post and share rides using Pi coins with real-time booking notifications.
- Implemented role-switching with vehicle confirmation to ensure only valid riders can post rides.
- Technology Stack Used: MERN Stack

•A movie streaming and search platform, Implemented using the MERN stack.

Enables users to watch movie trailers and search for movies across multiple languages.

- Features an advanced search and filtering system for enhanced user experience.
- Technology Used: MERN Stack.

•Automated Social Media Evidence Collection Tool for Investigators

Designed a tool to automatically parse and capture data from social media accounts for forensic investigations.

- Captured posts, messages, followers, and account details with real-time screenshot automation.
- Technology Used: Python, Selenium, BeautifulSoup, Flutter, Firebase, Appium, MySQL, FPDF.

EXPERIENCE

•Full Stack Developer

Dec - Mar 2025

Pantech Prolabs India Pvt Ltd (Pantech.AI)

Online

- Created and maintained 3+ full-stack web applications using Python, Django, and Node.js, Javascript.
- Built RESTful APIs for seamless communication between frontend and backend systems.
- Collaborated with the development team under the supervision of Sanjay, following Agile methodologies.
- Implemented CRUD operations to build a data management system, optimizing data retrieval and storage, which reduced data access time by 40 percent and enhanced user experience.

•Python Full Stack Virtual Internship

Feb - Apr 2025

AICTE-Eduskills

Online

- Integrated PostgreSQL and MySQL databases for efficient data management.
- Collaborated using Agile methodologies and tools like Git, GitHub, and Jira.

TECHNICAL SKILLS AND INTERESTS

Languages: Python, HTML+CSS, Javascript, Node.js, PostgreSQL, Flutter,

Libraries : C++ STL, Python Libraries, ReactJs

Web Dev Tools: Nodejs, VScode, Git, Github, Devops

Frameworks: ReactJs, Express.js, Tailwind CSS, Django, Next.js

Cloud/Databases: MongoDB, Firebase, Relational Database(mysql)

Areas of Interest: UI/UX Designing, Web Development, Flutter App Development.

Soft Skills: Problem Solving, Continuous Learning, Effective Communication, Flexibility

POSITIONS OF RESPONSIBILITY

•Team Lead - Smart India Hackathon - 2024 NIET College, Noida

Dec 11-12, 2024

- Led a 6-member team in the Grand Finale of Smart India Hackathon 2024 to solve an NIA problem statement on social media forensics.
- Developed an automated forensic tool that reduced manual evidence collection time by 70 percent.

ACHIEVEMENTS

•30 Days of Code Challenge Completed coding challenge on DSA.

Feb 23, 2024

•Postman API Fundamentals Student Expert API development and testing with Postman.

Sep 15, 2024

•Grand Finalist – Smart India Hackathon 2024 Innovated a automated tool for NIA.

Dec 11-12, 2024

•Be10x AI Tools Certification Certified in Prompt Engineering and AI tools.

Dec 30, 2024