

Nehardh Madapuri

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Hyderabad, Telangana

Summary

Driven and curious undergraduate student with practical experience in developing projects across technology domains including full-stack development, artificial intelligence, and cybersecurity. Quick to learn new skills, adapt to challenges, and contribute effectively in team environments. Passionate about solving real-world problems through innovation and continuous learning.

Skills

Programming Languages: Java, JavaScript (ES6+), Python, SQL, C

Frontend: React.js, Next.js, TailwindCSS, HTML5, CSS3

Backend & Frameworks: Node.js, Express.js, Django, REST APIs

Databases: PostgreSQL, MySQL, MongoDB

AI/ML & NLP: Gemini 2.0 API, Prompt Engineering, Scikit-learn, NLP, Machine Learning

Real-Time & Systems: WebSockets, Liveblocks, Inngest (Background Jobs), Clerk Auth

Cybersecurity: Network Security, Penetration Testing, Web Threat Detection

DevOps & Tools: Git, GitHub, JIRA, Agile Methodology, Notion, Stripe API, Cloud Deployment (Vercel/Firebase)

Projects

AI-Powered Study Material Generator

Tech Stack: Next.js, React, Gemini 2.0 API, PostgreSQL, Drizzle ORM, Inngest, Clerk, Stripe

Duration: Feb 2025 – Present | [App Link](#)

- Developed a SaaS-ready full-stack platform that transforms academic documents into structured study materials (HTML/JSON) using Gemini 2.0 API, enabling automatic summarization and content organization.
- Integrated Clerk for seamless authentication, Stripe for monetization, and Inngest to manage asynchronous tasks such as background content generation and file processing with reliability and scalability.

Notes App

Tech Stack: MongoDB, Express.js, React.js, Node.js

Duration: Jan 2025 | [GitHub](#)

- Built a MERN-based note-taking web app featuring a JWT-secured authentication system and RESTful API for CRUD operations, ensuring data privacy and secure access.
- Designed a responsive and intuitive UI, optimized for search and filtering of notes, which led to improved usability and positive user feedback (95% satisfaction in peer testing).

CRM Application

Tech Stack: Django, SQLite, Bootstrap

Duration: Nov 2023 – Jan 2024 | [GitHub](#)

- Created a web-based CRM system to manage users, leads, and tasks with role-based access control using Django's built-in authentication and custom permissions.
- Utilized Django Admin to build customizable dashboards for quick data entry and editing, improving form completion efficiency by 25% in internal testing.

Experience

Cyber Security Intern

Supraja Technologies • Hyderabad, Telangana

11/2024 - 02/2025

- Collaborated on a **Website Blocking Tool**, effectively restricting access to harmful websites, reducing exposure to malicious sites by **95%** after testing on **100+ websites**.

AIML Intern

NIELIT • Hyderabad, Telangana

08/2024 - 11/2024

- Developed **machine learning models** for stock trend prediction using **Linear Regression, Decision Trees, and Random Forest**, achieving **85% accuracy**.
- Optimized models with **cross-validation and hyperparameter tuning**, improving accuracy by **15%** and minimizing prediction errors.

Full Stack Developer Intern

MetaSketch Pvt Ltd • Hyderabad, Telangana

10/2023 - 02/2024

- Designed and built **responsive, mobile-friendly websites**, enhancing user experience across devices.
- Integrated **Django**, streamlining development and cutting project timelines by **30%**.
- Boosted user engagement by **40%** through interactive features using **HTML, CSS, and JavaScript**.

Education

B.tech

Vardhaman College Of Engineering • Hyderabad, telangana

05/2026

Secured 9.05 CGPA

Intermediate

Fiitjee Junior College • Hyderabad Telangana

05/2022

Secured 95.1% in Board Exams

Awards and Certificates

- **1st Place – 3-Day Cybersecurity Hackathon** (*Among 100+ participants, developed a security tool to block malicious sites*)
- **Full-Stack Development Certification – Apna College** (*Demonstrated expertise in MERN stack, backend APIs, and cloud integration*)
- **CodeChef Rating: 1088** (*Solved 100+ problems, ranked among top programmers on the platform*)
- **State-level Skater**
- **District-level Badminton Player**