ABHINAV CHERUKU

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SUMMARY

Aspiring Software Development Engineer with hands-on experience in MERN stack development . Proficient in building and integrating REST APIs, managing databases, and deploying full-stack applications. Focused on crafting efficient solutions and clean, reliable code for real-world problems.

EDUCATION

VNR Vignana Jyothi Institute of Engineering and Technology	August 2023 – July 2027 (Expected)
Bachelor of Technology in Information Technology	CGPA: 8.7/10.0

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, SQL
Technologies/Frameworks: HTML, CSS, Reactjs, Tailwind CSS, Nodejs,Express,MongoDB
Developer Tools: VS Code, Git, GitHub
Computer Science: Data Structures and Algorithms , Object-Oriented Programming , Database Management Systems, Operating Systems

PROJECTS

Lumora ↗   abhinavppwork/Lumora ↗

- **Developed** an online educational platform using **React.js** and **Tailwind CSS** Organizing over **50+** Lectures, improving structured access to mentor lectures.
- Implemented a topic-wise filtering system, allowing students to quickly access relevant lectures, reducing search time by **85%**.
- Restricted access to users with a college domain email, ensuring exclusivity and maintaining content security.

Chat Application ↗   abhinavppwork/ChatApp ↗

- Developed a real-time chat application using the MERN stack with WebSocket integration for instant messaging.
- Implemented user authentication and authorization for secure access and private chats
- Designed a responsive and user-friendly interface using DaisyUI for a seamless experience across devices.

Digital academic Library ↗   abhinavppwork/digital-library ↗

- Built a responsive academic library platform using React.js and Tailwind CSS, enabling centralized access to learning resources.
- Integrated a Gemini-powered AI chatbot for real-time academic assistance and a forum system for subject-specific peer discussions.
- Developed a teacher upload interface for academic materials and enabled students to access both uploaded and curated online content.

CERTIFICATION

April 2025	JavaScript Essentials 1 – Cisco Networking Academy
April 2025	JavaScript Essentials 2 – Cisco Networking Academy
March 2025	Winner – Webathon (Hackathon) 3.0 conducted by ACM VNRVJIET
February 2025	Participant – WebAlchemy Mini Hackathon

ACHIEVEMENTS

Winner - Webathon 3.0:
Organized by ACM VNRVJIET | Full Stack Development Competition
Developed Learning Platform:
Built a website for college students to browse and watch mentor-led lectures by topic