

# Thejas M

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## EDUCATION

- REVA University** Bengaluru, India  
*Bachelor of Technology* Dec 2022 – Present
  - Major:** Computer Science and Engineering (IOT and Cyber Security including Blockchain Technology)  
(GPA - 8.9/10)

## EXPERIENCE

- REVA University, AIF University "VIDYAMITRA"** Bengaluru, India  
*Backend Developer Intern* Aug 2024 – Present
  - Integrated LLMs (GPT-4o, Gemini) to automate generation of academic question papers and teaching materials.:**  
Designed prompt templates with LangChain; used structured JSON parsing for consistent outputs.
  - Optimized Pinecone vector searches and PostgreSQL queries, reducing response time by 30%.:**  
Automated deployments with Jenkins; stored generated files and course materials on AWS S3.
  - Live Demo: reva-vidyamitra.vercel.app:**  
**Tech:** Django-Ninja, Python, LangChain, OpenAI, Gemini, Pinecone, PostgreSQL, Jenkins, AWS
- Euphelia Pvt. Ltd.** Remote  
*Frontend Developer Intern* Nov 2023 – Apr 2024
  - Redesigned a mobile application aimed at improving accessibility for children with disabilities, significantly enhancing user interaction and experience.:**  
Collaborated with cross-functional teams to implement accessible UI components, leading to a 40% increase in user engagement.
  - Applied responsive design principles to achieve seamless cross-platform performance on various devices and screen sizes.:**  
**Tech:** React Native, JSON, Accessibility Standards

## PROJECTS

- ISE (Interactive Skill Enhancer) ☞** : Designed an assistive educational platform for children with Autism Spectrum Disorder (ASD) and Intellectual Disabilities (ID). Integrated interactive VR-based learning environments via Unity and WebGL with a Next.js-powered web interface, enabling students to engage with AI-driven NPCs in real-world scenarios.  
**Tech:** Next.js, Unity, WebGL, Convai, AI NPCs
- AI-Powered Resume Builder ☞** : Developed an AI-driven resume builder that generates ATS-friendly personalized resumes based on user input and job descriptions. Integrated GenAI for real-time suggestions, and implemented PDF export with multiple professional templates.  
**Tech:** React, Node.js, TailwindCSS, Gemini API, MongoDB

## SKILLS SUMMARY

**Languages:** Python, C, Java  
**Web Development:** Django, React.js, Node.js, HTML, CSS, JavaScript  
**Databases:** PostgreSQL, MySQL, SQLite  
**Cybersecurity:** Steganography, Blockchain Fundamentals, Cryptography Concepts  
**DevOps & Cloud:** Docker, Jenkins, AWS S3, PythonAnywhere  
**Tools & IDEs:** Git, VS Code, Jupyter Notebook, Anaconda, Pandoc, Mermaid.js  
**Other Technologies:** LaTeX, Unity, Convai (AI for VR)

## EXTRACURRICULAR LEADERSHIP

- GLUG and Robotics Club** REVA University, India  
*Web Developer* Oct 2023 - Present
  - "Code Quest" Orchestrated a national coding challenge with 200+ competitors, focusing on practical application of coding skills.
  - Finalist in more than 6 national-level hackathons.
  - Currently developing a collaborative project management platform for final-year BTech students.
  - "Cook with Prompt" Spearheaded a state-level prompt engineering competition, attracting 300+ participants and fostering AI innovation.