

# CHARISHMA BOLLINENI

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CHARISHMABOLLINENI

Charishma608

Portfolio

## EDUCATION

Indian Institute Of Information Technology , Sricity  
Computer Science and Engineering

7.7/10  
2022 - 2026

## TECHNICAL SKILLS

**Languages:** C++ , Python, Java, SQL, JavaScript, TypeScript

**Full Stack Development:** HTML5, CSS3, TailwindCSS, Node.js, RESTApi, MongoDB, Apollo, Redis, GraphQL, JWT

**Libraries & Tools:** React, Material UI, Redux, AWS, Docker, GitHub, Matlab, Postman, Linux, Git, Jenkins, Firebase

**Course work:** DBMS, OOPS, Operating Systems, System Design, Computer Networks, Data Structures, Algorithms

## WORK EXPERIENCE

### Software Developer Intern

SimplifyTech, Maharashtra, India

November 2024 - December 2024

- Translated **Figma** designs into pixel-perfect, responsive user interfaces using **Next.js**, **Redux**, **Material UI**, **React.js**, and **TypeScript**, improving **UI/UX** consistency by **35%**.
- Created **RESTful** APIs to ensure secure, scalable and efficient communication between frontend and the backend.
- Refactored code and fixed bugs, implemented best practices to improve **system performance** by **20%**.

### Software Developer Intern

Vils.ai, Hyderabad, India

September 2024 - October 2024

- Led the frontend development of an online proctoring skills assessment platform using **React**, **Redux** and **TypeScript**, ensuring **100%** responsiveness across devices.
- Developed **10+ reusable components** with TypeScript, improving scalability and reducing development time.
- Increased **test coverage to 90%**, enhancing code reliability and reducing production bugs by **20%**.

## PROJECTS

- CyberTea v1.0 & v2.0** | React, Nodejs, TypeScript, Vite, ESLint, MongoDB [GitHub](#) [Live Demo](#)
  - Led the development of cutting-edge **cybersecurity workshop** website incorporating key components.
  - Integrated user authentication using JWT and MongoDB, enabling secure login and registration.
  - Designed the platform around cybersecurity principles, with a themed UI/UX and structured content.
- LyricLoom** | React, Node.js, Javascript, MongoDB, Docker, Redis, Swagger [GitHub](#) [Live Demo](#)
  - Built a scalable full-stack music platform enabling **B2C** user interaction and **B2B** partner integrations.
  - Integrated **role-based** dashboards for admins, artists, & users, enabling seamless song uploads, and analytics.
  - Deployed **microservices** with Docker Compose and integrated automated API documentation using **Swagger**.
- Face-Recognition-for-Attendance-Systems** | OpenCV, NumPy, TensorFlow, Raspberry Pi [GitHub](#)
  - Developed **face recognition** system using the **Haar Cascade** algorithm, achieving **95% accuracy**.
  - Managed the end-to-end process from image capture to testing, ensuring system reliability.
  - Integrated **LLM-driven** prompts to enhance interaction and real-time feedback in the attendance system.

## ACHIEVEMENTS

- Solved **400+** DSA problems on platforms like Leetcode and Neetcode, enhancing problem-solving skills.
- Ranked in the **top 0.2%** among teams in **Google's Hack with India**, a prestigious national-level hackathon.
- Contributed to Chandrayaan-2 research at **ISRO**, enhancing satellite image clarity by **15%** using deep learning.
- Secured 1st place in the Ignite AI Hackathon and Top 5 in the Agentica AI Hackathon for innovative AI solutions.
- Achieved a Top 10 placement in the National Healthcare Hackathon 2023, by integrating **GEN AI** into platform.
- Achieved Top 1% ranking in **GCCP Cloud Campaign 2024**, recognized for excellence in Google Cloud technologies.

## POSITIONS OF RESPONSIBILITY

- Internship Coordinator** in IIIT Sricity, Managed internship opportunities and fostered industry connections.
- Technical Team Member** in Abhisarga Annual Fest, IIIT Sricity developed an event website and logistics.
- Tech Lead** in Epoch Club, IIIT Sricity managed a team of 6 members and worked on live industrial projects.