

CHANDRU K

Full Stack Developer

☎ +91-6379513866 ✉ chandrukchan140@gmail.com [in linkedin.com/in/chandru-jec02](https://www.linkedin.com/in/chandru-jec02) [globe chandruk.tech](https://chandruk.tech)

Summary

Information Technology undergraduate with strong skills in Full-Stack Web Development using Python, Java, SQL, and modern web technologies. Solid foundation in Data Structures, Operating Systems, and Database Management Systems with hands-on experience building AI chatbots, smart home automation systems, and ML-based web applications. Achieved 5-star rating on HackerRank for algorithmic problem solving.

Skills

Programming Languages: Python, Java, JavaScript

Frontend Technologies: HTML, CSS, JavaScript, React

Backend Technologies: Node.js, Express.js, REST APIs

Databases: SQL, MongoDB

Core Computer Science: Data Structures & Algorithms, Operating Systems, DBMS

Leadership Experience

- **Symposium Student Coordinator:** Coordinated symposium activities and managed student participation during technical events.
- **Chair of Videography – Yuva:** Managed visual content production and coordinated videography activities with 10+ participants.
- **Event Coordinator – Jeppiaar Engineering College:** Organized and coordinated technical and cultural events, ensuring smooth planning and execution.

Projects

AI Exam Proctoring System | *Python* GitHub

February 2025 – March 2025

- Built an **AI-based online exam proctoring system** using Flask (Python) with HTML, CSS, and JavaScript, integrating live webcam monitoring through WebRTC.
- Implemented **cheating detection and exam security features** including tab-switch alerts, blocked shortcuts/right-click actions, violation logging, and automatic exam submission after repeated violations.
- Developed a **real-time risk-score dashboard and admin panel** to visualize cheating scores, generate exam reports, and track candidate sessions during online examinations.

Chandru AI Chatbot | *HTML, CSS, and JavaScript* GitHub

April 2025 – May 2025

- Built a **web-based AI chatbot interface** using HTML, CSS, and JavaScript, integrating the Google Gemini Generative Language API to generate real-time responses.
- Implemented enhanced **chat user experience features** including typing indicators, an emoji picker (emoji-mart via CDN), and conversation-history context to improve response relevance.

Awards & Certifications

- **HackerRank 5 in Python – HackerRank (2026):** Achieved a 5-star rating by solving algorithmic and problem-solving challenges.
- **NPTEL Certification in Cybersecurity and Privacy (2025):** Completed the NPTEL course covering core concepts of cybersecurity, privacy protection, cryptography basics, and secure computing practices.
- **Data Structures and Algorithms Certificate – ExcelR (2024):** Completed the full Data Structures and Algorithms course through the ExcelR online learning platform, focusing on fundamental data structures and algorithmic problem-solving techniques.

Education

B.Tech. Information Technology

Jeppiaar Engineering College, Chennai

Undergraduate: 2023-2027

CGPA: 8.5 / 10