Bharath N

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Profile

Enthusiastic Computer Science and Engineering student with strong skills in Python, C++, and full-stack development. Has experience in building AI-powered applications and web solutions using FastAPI, React, and Tailwind. Passionate about leveraging technology to create efficient, real-world solutions.

Education

B.E. Computer Science and Engineering	*2024–Present*
Chennai Institute of Technology, Chennai	CGPA: 8.0 / 10
Higher Secondary Education +2	*2024*
PON VIDYASHRAM, kolapakkam, Tamil Nadu	*91.8*
Secondary Education (10th)	*2022*
PON VIDYASHRAM, kolapakkam, Tamil Nadu	*92.6*

Skills

Programming	Python, Java , c , c++
Web Development	HTML, CSS, JavaScript
App Development	React Native (Expo)
Databases	MongoDB, MySQL
Other	Git, Problem Solving, Teamwork

Projects

Website Development for Restaurant   *HTML, CSS, JavaScript*

- Created a fully functional restaurant website as part of a class project using HTML, CSS, and JavaScript.

LEXner – Legal NER Assistant   *FastAPI, React, Tailwind CSS, Pydantic, vis-network*

- Developed a full-stack AI chatbot with FastAPI (backend) and React + Tailwind (frontend).
- Implemented Legal Named Entity Recognition (NER) with structured Pydantic models for judges, counsels, statutes, and cases.
- Integrated `vis-network` graph visualization for interactive exploration of legal relationships.
- Designed a conversational interface with session context management, similar to ChatGPT.

Achievements

- Solved 150+ problems on **LeetCode**.

Certifications

- **Modern AI – Cisco**
  Gained hands-on experience in machine learning, deep learning, and AI deployment. Eager to apply these skills to create impactful AI solutions.

- **Introduction to Cybersecurity – Cisco**
  Learned the fundamentals of network security, cyber threats, and protection strategies. Built a strong foundation in safeguarding data and digital assets.

- **Basics of MongoDB – MongoDB University**
  Understood the core concepts of NoSQL databases, CRUD operations, and schema design in MongoDB.

- **Introduction to IoT and Digital Transformation – Cisco**
  Explored IoT architecture, device connectivity, and digital transformation concepts.

- **Introduction to Data Science – Cisco**
  Learned essential concepts of data analysis, visualization, and AI applications in real-world scenarios.

Languages

English, Tamil, (Basic Hindi)