DEEPAK S

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CAREER OBJECTIVE

Aspiring Full Stack Developer with experience in building web apps using React, Node.js, and MongoDB. Curious about AI tools like Whisper, Lang Chain, and Pinecone, and exploring them through projects. Focused on creating responsive UIs and functional backends.

EDUCATION

- **B.E. Computer Science and Engineering,**   2022-*   Tiruchengode
  K.S.R. College of Engineering
  Current CGPA – 7.84

- **12th – Government Higher Secondary School**   2021-2022   Kullamudaiyanur
  Percentage 82.3%

- **10th – Government Higher Secondary School**   2019-2020   Kullamudaiyanur
  Percentage 74.2%

TECHNICAL SKILLS

- **Front-End Technologies**   :   HTML5, CSS3, JavaScript, React.js, Bootstrap
- **Back-End Technologies**   :   Node.js, Express.js
- **Databases**   :   MongoDB, Pinecone (Vector DB),
- **Version Control**   :   Git, GitHub
- **Programming Language**   :   Java, Python
- **AI/ML (Learning)**   :   LangChain, HuggingFace

PROFESSIONAL EXPERIENCE

IT Networking and Cyber Security Intern – *Zero Tech Cyber, Hyderabad* | July 2024

- Worked on network configuration, performance monitoring, and documentation.
- Gained insights into real-world IT infrastructure and security setups.

PROJECTS

Medical Chatbot using LLMs and Pinecone

- Built a responsive medical chatbot using Python, React.js, and Express.js.
- Integrated LangChain, HuggingFace, Whisper, and Pinecone for AI-powered Q&A.
- Supported both voice and text input with a clean UI and ethical medical response prompts.

Audio Player Application

- Developed a web-based audio player using React.js and Bootstrap.
- Integrated features like play, pause, skip, custom playlists, volume control, and a progress bar.
- Utilized Bootstrap components for a responsive and user-friendly interface across all devices.

Face Recognition App

- Developed a face recognition system using React.js for the frontend and Node.js for the backend.
- Integrated DeepFace with FaceNet512 for face embedding generation, and used Pinecone for storing and searching embeddings to ensure accurate and efficient face matching.

Vendor Application Management

- Built a vendor management system using React and Bootstrap to manage vendor information, inventory, and orders.
- Designed a responsive, user-friendly interface with dynamic data handling for efficient management of vendors and inventory.

CERTIFICATIONS

- **Completed Introduction to Industry 4.0 and Industrial Internet of Things** – NPTEL
- **Completed Introduction to Internet of Things** – NPTEL

ACHIEVEMENTS

- Participated in a State-Level Wrestling Match, demonstrating discipline and endurance.
- Took part in a National-Level Quiz Competition by the Reserve Bank of India, showcasing analytical skills.

ADDITIONAL INFORMATION

- Languages   :   Tamil, English
- Strengths   :   Analytical, Organized, Time efficient
- Area of Interest :   Full-Stack Development