Yashwanth Jupally

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EDUCATION

Sreenidhi Institute of Science and Technology, Hyderabad

B.Tech in Electrical and Electronics Engineering   2019 - 2023

PROJECTS

Tinder AI ↗
- Developed a full-stack AI-driven dating application using **Spring Boot** and **React**, allowing users to engage with AI-generated profiles and interactive conversations.
- Utilized **Docker** to streamline resource usage for AI and MongoDB. Implemented **LLMs** like **Mistral** and **LLaMA** 3.2 via Ollama for responsive, AI-driven chat conversations.
- Designed **RESTful APIs** endpoints GET/POST requests to support profile matching, messaging, and real-time interactions, facilitating a real-time communication between users and profiles.
- Enhanced user engagement by 25% through an **AI chat** functionality that offers realistic, interactive communication experiences.

SecureConnect ↗
- Built a web application with Spring Boot and React, integrating **OAuth2** for secure logins with **GitHub** and **Google**.
- Strengthened security using **Spring Security** and OAuth2, achieving a 100% reduction in unauthorized access through **token-based authorization**.

Dev-Din-In ↗
- Designed a demo front-end application using React.js to display a restaurant's menu and food items with a responsive, interactive interface.
- Implemented interactive categorization and detailed item views, improving user engagement by 30% and enhancing the overall **user experience** with a visually appealing and intuitive layout.
- Used **React Router DOM** to implement seamless navigation, ensuring smooth transitions between pages. Leveraged **Material UI** to create a consistent, responsive, and visually appealing design.

Employee Management System ↗
- A full-stack Java application to manage employee details, using Spring Boot for the backend, **MySQL** for data storage, and React for the front-end.
- Improved **CRUD** operation efficiency by 40% with optimized REST APIs, enhancing data retrieval and update performance.
- Created a responsive interface with React and **Tailwind CSS**, enabling efficient access to add, view, edit, and delete employee details.

CERTIFICATES

Java Essential Training - LinkedIn Learning ↗

Virtual Internship by Hewlett Packard Enterprise ↗

Solved 150+ problems on Leetcode ↗

SKILLS

- **Technical Skills:** Java, HTML, CSS, JavaScript, Spring Boot, React.js, Tailwind CSS, MySQL
- **Developer Tools:** IntelliJ IDEA, Visual Studio Code, Git, GitHub, Docker, PowerShell
- **Additional Skills**: REST API, Data Structures and Algorithms, Object-Oriented Programming
- **Soft Skills:** Problem-Solving, Teamwork, Critical Thinking, Leadership, Research and Analysis