BHANU SRI KOWRU

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EDUCATION

Shri Vishnu Engineering College for Women	Oct 2021 − Apr 2025
*B.Tech - Information Technology - **CGPA - 9.2***	*Bhimavaram, Andhra Pradesh*

COURSEWORK / SKILLS

- Data Structures and Algorithms (DSA)
- Database Management System (DBMS)
- OOPs Concept
- Operating Systems
- Software Engineering
- Computer Network

EXPERIENCE

FULL STACK Intern at Postulate Info Tech Pvt. Ltd. | MERN   **Jul 2023 - Oct 2023**

- Created a real-time chat application utilizing MERN stack and Socket.IO
- Contributed to frontend development and led the team throughout a 3-month+ internship, gaining insights into effective teamwork and improved leadership skills.
- Collaborated in teams, resolved issues, added features, met deadlines efficiently.

AI-ML Intern at IBM SkillsBuild | Machine Learning   **Jun 2023 - Jul 2023**

- During an immersive period, I thoroughly explored the fundamental concepts of artificial intelligence, understanding its theoretical basis and practical real-time applications.
- Spearheaded a Machine Learning project within the internship, specifically on mental fitness tracking, wherein I meticulously selected algorithms to attain optimal accuracy, showcasing proficiency in practical ML implementation.

PROJECTS

College Online Voting System | ReactJS, NodeJS, ExpressJS, MySQL   ⌂

- Designed a robust online voting system catering to college students, employing React.js for frontend development, Express.js for backend functionalities, and MySQL for database management, facilitated through a XAMPP server.
- Implemented user authentication via registration numbers, enabling students to either vote for candidates or self-nominate, while providing real-time access to live voting results, ensuring transparency and integrity throughout the electoral process.

Chat with PDF | Langchain, Astradb   ⌂

- Developed a project that connects language processing with database management using PDF, Langchain, and AstraDB. This improves communication and simplifies data analysis. Additionally, the project efficiently handles queries within PDF documents, making information retrieval easier.

HealthTrack Pro | Machine Learning   ⌂

- Designed a comprehensive project gathering user data on habits, demographics, and symptoms to generate personalized health reports.
- Incorporated severity-based recommendations and actionable to-do lists to promote healthcare management.

Face - Eye Detection | Python, Flask, OpenCV   ⌂

- Created a live video streaming application with real-time face and eye detection capabilities using Python, Flask, and OpenCV's Haarcascades XML models.

TECHNICAL SKILLS

Programming/Languages: Python, Java, C, HTML+CSS, JavaScript, SQL
Developer Tools: VS Code, Eclipse, Git+GitHub, Figma
Technologies/Frameworks: ReactJS, NodeJS, ExpressJS, Bootstrap, Flask, Machine Learning, Scikit-Learn, Natural Language Processing, Large Language Models

ACHIEVEMENTS

- Participant of Amazon Machine Learning Summmer School 2023.
- Selected in Microsoft Learn Student Ambassadors Program - β ambassador (2023 - present)
- Runner up team in a Web Hackathon Conducted by Google Developer Student Club - SVECW.
- Solved 400+ problems on LeetCode, Five star coder in Java, Problem Solving on HackerRank.

OTHER ACTIVITIES

- Open Source Contributor at HackotberFest - 2023 and GirlScript Summer of Code - GSSoC'24.
- Campus Math Club Coordinator 2022 - present.
- Interests: Pencil Sketching, Blogging and Nature Photography.
- Good with team work and aspire to build learning communities.