

RANGHA VARDHAN

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CAREER OBJECTIVE : I am a graduate in Computer Science and Engineering, with a focus on Artificial Intelligence and Machine Learning. I am enthusiastic about these fields and have a passion for Full Stack Developers as well. My interests lie in utilizing the latest technologies and techniques to solve real-world problems. I am constantly seeking new opportunities to strengthen my skills and knowledge in these fields, and I am eager to collaborate on projects that push the boundaries of what is currently possible.

EDUCATION

Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad **2021-2024**

Bachelor of engineering (B.E) | Computer Science and Engineering(AI&ML) | Overall: 8.3

Government Institute of Electronics, East marredpally, Secunderabad **2017-2021**

Diploma | Computer Science and Engineering | Overall: 8.3

INTERSHIPS

Frontend Developer Intern at Purview Services

Present

Motivated Full-Stack Developer with a strong background in AI/ML and LLM models. Experienced in developing web applications, creating and integrating AI models,. Adept at handling diverse tasks and delivering high-quality solutions. Currently, an intern at Purview Service, where I contributed to multiple innovative projects.

Worked on Models:

- **Phi3 Model:** Trained and implemented the Phi3 model using Wikipedia data, showcasing advanced NLP capabilities.
- **Created AIML model:** That integrates face expression recognition, object detection, and heatmap analysis to improve retail store operations and customer experience.
- **Created a criminal detection Model:** Utilizing advanced facial recognition models like TinyFaceDetector, FaceLandmark68Net, FaceRecognitionNet, and SsdMobilenetv1 for face detection and recognition. To detect and recognize faces from a live video feed.

Develop Web Application:

- **PurviewAllInOne Website:** Designed and developed a comprehensive website for Purview, integrating various services and functionalities.
- **VEYE Website:** Build and integrated Razorpay for payment processing in a Vuzix specs project.

Cloudflare Integration: Integrated Cloudflare services with web Application, improving security and performance.

Software Developer Intern at Ameya Intelligent Machine Labs

June 2023 -Nov 2023

- Spearheading ReactJS-based UI development, I contribute significantly to code reviews and testing, ensuring flawless software aligned with client requirements.
- Closely with frontend and data engineering teams, I integrate frontend systems with backend REST APIs, ensuring efficient data flow and meeting stringent quality standards.

Advanced Web development-101,201 in AICET-LITE Program, Hyderabad

Nov 2022 – Jan 2023

Skills Learnt: JavaScript,Node.js,Express.js, Testing ,deploy web Application using Render API and GitHub Repository

Web Development in Sweecha Internship Virtual, Hyderabad

Oct 2021 – Nov 2021

Industrial Training at National Small Industries Corporation (NSIC), Hyderabad

Nov 2020 – May 2021

PROJECTS

Criminal Detection Web Application:

- To detect and recognize faces from a live video feed.
- Utilizing advanced facial recognition models like TinyFaceDetector, FaceLandmark68Net, FaceRecognitionNet, and SsdMobilenetv1 for face detection and recognition.
- The system identifies individuals and matches them against a database of known criminals. When a match is found, the system plays an alert sound and displays detailed information about the detected individual.

Tech Stack Used: React, FaceAPI.js, Firestorage, Firebase Authentication, Media Devices API, HTML5 Canvas

Job Portal Application:

Mar- Apr 2024

- Job Portal is a MERN Stack based web app which helps in streamlining the flow of the job application process.
- It allows users to select their roles (applicant/recruiter), and create an account. In this web app, login sessions are persistent.
- REST APIs are securely protected by JWT token verification. After logging in, a recruiter can create/delete/update jobs, shortlist/accept/reject applications, view resume and edit profile.
- Perform search with various filters.

Tech Stack Used: MongoDB, Express.js, React.js, Node.js, Tailwind CSS

Estate MERN Application:

Jan 2024

- Developed a full-stack Estate application using the MERN (MongoDB, Express.js, React.js, Node.js) stack.
- Designed and implemented a user-friendly interface for real estate listings, user profiles, and authentication.
- Implemented secure user authentication using JWT (JSON Web Tokens) to ensure data privacy and user access control.
- Integrated OAuth authentication, allowing users to sign in with Google for a seamless and secure login experience.

Tech Stack Used: MongoDB, Express.js, React.js, Node.js, Tailwind CSS, OAuth using firebase.

Deployment: Deploy application Using **Render hosting platform.** [Deploy Link](#)

Industrial Training Certificate

- **Link:** https://drive.google.com/file/d/11VDDWt8OI7Smqceo8MT1fRq0gGApNuYO/view?usp=share_link

SKILLS

- **Languages:** Python, CSS, JavaScript, SQL, Tailwind CSS.
 - **Frameworks:** Express.js, ReactJS, NodeJS, REST API, Flask.
 - **Libraries:** Scikit-learn, NumPy, Pandas, TensorFlow, Keras, PyTorch, face-api.js
- Developer Tools:** VS Code, Colab.
Databases: MongoDB, MySQL.

CERTIFICATIONS

- Data Analytics Essentials by CISCO
 - Cognizant Agile Methodology Virtual Experience Program on Forage
 - JPMorgan Chase Commercial Banking Virtual Experience Program on Forage
 - Deloitte Technology Virtual Experience Program on Forage
- Jan 2024**
Apr 2023
Mar 2023
Feb 2023

ACHIEVEMENTS & ACTIVITIES

- Worked as Member of Chaitanya Spandana Club, Neural Nexus in CBIT.
- Awarded with AICTE LITE Pupil Certificate.
- Solved 150+ leetcode questions, 5 star Hackerrank coder.
- Got 95 Branch rank, 990 State rank in ECET-2021.