RAYAPROLU KARTHIK

+91 9618830864 ⋄ 1/20-51, Panchavati Colony, Gudivada, Krishna Dist, AP-521301, INDIA

karthikrayaprolu13@gmail.com ⋄ linkedin.com/in/rayaprolu-karthik ⋄ github.com/karthikrayaprolu

SKILLS

Programming Languages	Java, Python
Technologies	Artificial Intelligence, Machine Learning, Deep Learning, Web Development
Frameworks	ReactJs, Flask, Express, NodeJs, TailwindCSS
Database	SQL, MongoDB
Tools	Figma, GIT, VS Code, Adobe XD, Windows, Jupyter Notebook
Others	Video Editing, Graphic Design, UI&UX

EDUCATION

Bachelor of CSE [AI/ML], Gayatri Vidya Parishad College of Engineering - **9.4 CGPA**	2023 - 2026
Diploma in Computer Engineering, A.A.N.M AND V.V.R.S.R Polytechnic - **93.91%**	2020 - 2023
Board of Secondary Education, Andhra Nalanda Municipal High School - **9.8 GPA**	2019 - 2020

EXPERIENCE

INDIAN SERVERS - A Premier Software Development Company Dec 2022 - Jun 2023

Animation and Graphic Design

- Gained proficiency in DaVinci Resolve, Adobe Premiere Pro, Create Studio Pro, Canva, and After Effects, successfully editing over 20 animated and YouTube videos.

PROJECTS

Abiruchulu Food Delivery App: ReactJs | Express | NodeJS | MongoDB

Developed a food delivery application using the MERN stack with Stripe payment integration. The app includes a dynamic menu with multiple categories, cart management, and secure payment processing through Stripe. Implemented real-time payment status updates and user authentication for signup and log-in, ensuring a seamless user experience.

Brain Tumor Detection: ReactJs | Deep Learning | Flask

Developed a web-based tool using a pre-trained ResNet model and Flask to analyze MRI images and accurately detect brain tumors, including glioma, meningioma, and pituitary tumors. The application aids in early diagnosis and provides detailed information to assist with treatment planning.

HireVista: ReactJs | Tailwind CSS | NodeJs | Express | Machine Learning | Flask

HireVista is a modern recruitment analysis platform that helps streamline the hiring process using AI and data analytics. The application evaluates candidates based on multiple parameters and provides instant eligibility assessments.

ACHIEVEMENTS

Smart India Hackathon 2024 (SIH'24) Finalist:

Finalist in Smart India Hackathon 2024 (SIH'24) for the NALCO problem statement on predicting aluminum wire rod parameters, where I developed a machine learning model using Python, Scikit-learn, and TensorFlow to analyze and forecast key manufacturing parameters. Worked in a team to optimize model accuracy, enhance manufacturing efficiency, and present a scalable solution.

CERTIFICATIONS & CODING PROFILE

- Google AI-ML (By AICTE)
- Generative AI (By Coursera)
- Java Programming (By UC3M)
- Python Programming (By Infosys Springboard)

- LeetCode: [karthik_rayaprolu](#)
- CodeChef: [karthik_r13](#)
- CodeForces: [karthikrayaprolu](#)
- HackerRank: [karthikrayaprol1](#)