Tarun Mangalampalli

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EDUCATION

NRI INSTITUTE OF TECHNOLOGY	AGIRIPALLI, AP
Bachelor of Technology in Computer Science(DS)	*Nov.2021 – Present*
Sri Chaitanya Jr College	Vijayawada,AP
Intermediate	*2019–2021*

EXPERIENCE

AI Intern	May2024-Present
Infosys springboard	*Remote*

- Currently performing my internship.
- Secured selection for the 'AI Resume Match Maker' project. project, leveraging advanced algorithms to increase job match accuracy by 40% and reduce hiring time by 25%(Work in progress)

PMKVY Student Lead	NOV 2023 – Feb 2024
NRIIT	*College Station, AP*

- Spearheaded the Pradhan Mantri Kaushal Vikas Yojana (PMKVY) initiative as a student leader, directing skill development programs in Python and C programming.
- Supervised participant progress, providing constructive feedback to ensure achievement of learning objectives.

PROJECTS

IPL_LiveDashBoard Using PowerBI | *Power BI,API testing,Logic building ,Git*   Mar 2024
  - Integrated live score fetching via APIs, Ensured 99.9% uptime and delivered real-time updates to users.
  - Conducted comprehensive boundary analysis resulting in a 20% improvement in data accuracy.
  - Developed and implemented various insightful metrics and visualizations, increasing user engagement by 30% and enhancing understanding of match trends.

React Based Web App   *OpenWeather API, React, Vercel, Git*   Mar 2024
  - Crafted a React-based Weather App offering location-specific weather data, current conditions, 5-day forecasts, and insights into weather trends.
  - Ensured seamless access across all devices with a responsive design implementation.
  - Leveraged the OpenWeather API for instant retrieval of real-time weather data. Website: [Live View]

Django Based Quiz Project | *Django,Python,SQL,Git* Jan 2024
  - Designed and implemented a quiz application for our college fest, involving over 100 participants in a single day.
  - Explore our project here: Visit

Food Ordering MERN App /
MongoDB,Express,React,Node.js,Neltify,Git Mar 2024
  - Engineered a robust full-stack MERN application leveraging MongoDB, Express.js, React, and Node.js.
  - Orchestrated deployment on Netlify, guaranteeing high availability and scalability
  - Executed rigorous testing and debugging, optimizing performance for a flawless user experience.
  - Experience the live application-[Live View]

Certifications and course work
- Google Automation with python - Courseera
- Microsoft Azure DataEngineer(DP-203)
- Microsoft Azure AI Engineer(AI-102)
- Introduction to Generative-Courseera

TECHNICAL SKILLS

Languages: Python, Java, C/C++, SQL (MS), JavaScript, HTML/CSS, Bootstrap

Frameworks: React, Node.js, Flask, WordPress

Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, AWS

Libraries: pandas, NumPy, Matplotlib, scikit-learn, TensorFlow

Soft Skills: Critical thinking, Communication, Observational skills, Technical proficiency.