TANUSREE DURAIBABU

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SUMMARY

Eager to embark on a career journey that harnesses my passionfor technology and problem-solving abilities. Committed to continuous learning andadaptation, I aspire to make meaningful contributions whilefurther honing my skills to meet evolving industry demands.

INTERNSHIPS

AI&ML Intern | National Small Industries Corporation, Chennai   **Online | July:2024**

- Developed a convolutional neural network model with essential traits involving prediction and detection of different segments.
- Collaborating a cloud induced website and an app to enhance the user collaboration.
- Engineered a website with the help of postman,javascript and flask
- The primary trait of the project is to help the user and provide knowledge with the help of UNET architecture

Data Analytics | Oasis Infobyte,Chennai   **Online | Feb:2024 - March:2024**

- Analyzed large datasets to extract meaningful insights and trends.
- Performed data cleaning, preprocessing, and visualization using Python (Pandas, NumPy, Matplotlib, Seaborn).
- Built predictive models using machine learning techniques to enhance decision-making.
- Created dashboards and reports using tools like Power BI/Tableau for data-driven insights.

Full Stack Development Intern|Innomatics Research Labs,Pune   **Online | Jan:2025-Feb:2025**

- Developed and deployed web applications, focusing on frontend technologies (Angular, JavaScript, CSS) and database management (SQL & NoSQL).
- Kubernetes, Docker, and OpenShift, covering container orchestration, deployment, and cloud-native architecture which i have deployed in the health care web-application project.
- Developed web applications and worked with monogdb database for storing and retrival of databases.

PROJECTS

Multi-Model Neurodegenerative Detection And Healthcare Assistance: **Jan-2025**

- This project integrates multiple AI models to assist in neurodegenerative disease detection such as Alzheimer, Parkinson and Multiple-sclerosis, healthcare recommendations, and emergency support.
- The system allows users to upload brain scans for classification and segmentation, track their daily activities, retrieve medical information using multimodal AI.
- Google Gemini provides detailed drug information, explaining side effects, interactions, and precautions. The system retrieves related YouTube videos for further medical insights.

Food ,Product Analysis And Recommendation :   **Dec-2024**

- This project leverages AI-powered analysis and recommendation models to assist users in making informed food and product choices.
- Users will upload food & product images of food items or packaged products. Google Gemini extracts and provides detailed nutritional values, ingredients, allergens, and product descriptions.

EDUCATION

B.Tech Artificial Intelligence And Data Science 2022-2025 (Current CGPA : 8.5)
Easwari Engineering College,Chennai
12th|State-Board Higher Secondary Certificate(HSC)-Chennai-600017 2008-2010(Grade:70%)
10th|State-Board Secondary Secondary Certificate(HSC)-Chennai-600017 2010-2022 (Grade:80%)

CERTIFICATION AND PRICES

Oracle Cloud Infrastructure Certified Foundations Associate-2024 **[ORACLE]**
Microsoft Azure Fundamentals:Describe Azure Architecture and Services Certificate-2024 **[AZURE]**
AWS Amazon Sage Maker Ai Certificate-2024 **[AWS]**
Introduction To GEN-AI Badge **[Google cloud]**
Certification Kubernetes,docker and container-2024**[IBM]**
Diploma In DevOPS Engineering-2025 [Kubernetes,Docker and Container] **[Alison]**
Prizes: Project Day 2022 EEC (3rd Place), Innovision 2023 REC (2nd Place)
- **Programming Languages**: Python , Java (Basic).
- **Databases:**SQL,PostgreSQL,MongoDB.
- **FrameWorks**:Flutter,Figma,Visual Studio Code,Tablue,Postman,Gitpod.io,Power Bi