GOKULPRASANTH N

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EDUCATION

Coimbatore Institute of Technology — **June 2020 – Present**
MSc (Integrated) Data Science — *CGPA: 8.21*

Srinivasa Vidhyala Matric Hr. Sec. School — **June 2019 – March 2020**
HSC — *76%*

EXPERIENCE

Prudent AI — **June 2023 – November 2023**
DevOps Intern | On-Site — *Chennai*

- Collaborated with the team to develop and test an automated bank statement analysis app, achieving 95% accuracy in qualified income calculation.
- Implemented efficient data capture and extraction from bank statements using Django and Cloud Vision APIs, reducing turnaround time to 15 minutes and cutting costs by 60% for non-qualified mortgage loan analysis.
- Performed extensive app performance evaluation and optimization, leading to a 30% boost in user engagement and a 15% reduction in error rates.

PROJECTS

DIABETA GUARD | *Python, Django, Cloud*

- Devised a high-accuracy Diabetes Prediction platform utilizing Random Forest Classification and AES Encryption; achieved a 92% accuracy rate while maintaining stringent privacy compliance.
- Implemented a cloud-based diabetes prediction system using Django, enhancing accessibility and robustness.

PIXEL FORENSICS | *Python, Image Processing, CNN*

- Created an Image Tampering Detection system using Convolutional Neural Networks (CNNs) and Error Level Analysis (ELA), achieving an 85% accuracy rate in identifying manipulated images.
- Integrated system with Keras and TensorFlow, reducing model training time by 40% and increasing prediction accuracy.

DEV ANALYZER AI | *Python, Stream-Lit, NLP, Github*

- Developed a GitHub Performance Dashboard using Streamlit and GitHub REST API to analyze repository metrics (PR merge rate, issue tracking, top contributors) through a user-friendly interface.
- Implemented natural language query processing to allow users to ask real-time questions about repository performance, enhancing data-driven decision-making.

AREAS OF INTEREST

- Machine Learning
- DBMS
- Data Analytics
- Data Visualization

TECHNICAL SKILLS

Languages	Visualization	Framework	Database
Python, R	Power BI	Flask, NLTK	MySQL

SOFT SKILLS

Adaptability | **Team Player** | **Time Management**

PUBLICATIONS

- **Data Analysis on COVID-19**
  Paper presentation at *2nd Virtual National Conference on Mathematical Modeling and Computation 2021 (NCMMC - 2021)*

ORGANIZATION

FOSS CLUB
Head of Editing — **June 2022 – July 2023**

CERTIFICATES

Generative AI For Beginners - Google Gemini Google Cloud	— *Udemy*
Data Visualization With Power BI	— *Great Learning*
SQL (Intermediate)	— *HackerRank*