Akram Naeemuddin

B.Tech - (2023-26)
Computer Science Engineering (AI-ML)
Vasireddy Venkatadri Institute Of Technology

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Vasireddy Venkatadri Institute Of Technology	7.61	2023-26
Diploma	SBTET Board	74%	2020-23
Secondary	SSC Board	9.5	2019

EXPERIENCE

- **Data Quality Intern**
  Saras Analytics, Hyderabad — Aug 2022 – Jan 2023
  - Created and optimized complex SQL queries to extract data from Redshift and Google BigQuery, enabling faster reportinxg cycles and data-backed decisions for e-commerce clients.
  - Designed dynamic dashboards and automated Excel reports with macros and VBA, cutting manual workload by 30% and improving insight delivery time.
  - Analysed website traffic data using Google Analytics APIs and integrated insights into marketing strategy reports, improving campaign ROI for high-growth apparel brands.
  - Collaborated cross-functionally with data engineers to clean, validate, and transform raw datasets, improving downstream data accuracy and report quality.
  - Contributed to quality audits and anomaly detection scripts that reduced client data errors by 20% across multiple reporting pipelines.

PROJECTS

- **Smart Competency Platform** — *Sep 2024 – Mar 2025*
  AI-based Job Matching and Skill Diagnostics — GitHub
  Python, Django, ReactJS, NLP, AWS
  - Built a machine learning-powered web platform to assess candidate skills, recommend personalized career paths, and automate resume generation using NLP and skill-gap analysis.
  - Developed backend APIs using Django REST Framework to handle dynamic question generation, real-time skill evaluation, and user analytics.
  - Designed a modular competency mapping system to benchmark candidates' skills against live job market demands using scraped job descriptions.
  - Integrated adaptive learning modules (micro-courses, certifications) that were dynamically suggested based on user profiles and industry requirements.
  - Led full-stack architecture with ReactJS frontend, PostgreSQL database, and AWS deployment, supporting real-time user interactions and data tracking.

TECHNICAL SKILLS

- **Programming Languages**: Python, SQL, JavaScript, C/C++ (familiar)
- **Web & App Development**: HTML, CSS, JavaScript, Django, MERN Stack (familiar)
- **Databases**: PostgreSQL, MySQL, MongoDB (familiar)
- **Libraries & Tools**: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Git, Power-BI, Excel, Tableau, REST APIs, CI/CD pipelines
- **Machine Learning**: Linear/Logistic Regression, KNN, SVM, Decision Trees, Random Forest, Clustering (K-Means, DBSCAN), Dimensionality Reduction (PCA), Model Evaluation (confusion matrix, ROC, F1-score), Feature Engineering
- **Deep Learning**: TensorFlow, Keras, CNNs, RNNs, LSTMs, model tuning and deployment (basic)
- **Computer Science Concepts**: Data Structures and Algorithms, OOP, Operating Systems

CERTIFICATIONS

- **IBM Data Science Professional Certificate**, Coursera — *2025*
- **Altair Data Science Master Program**, Altair — *2024*
- **Machine Learning**, Coursera (Andrew Ng) — *2025*