SHAHLAN HASSAN

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EDUCATION

SRM UNIVERSITY   Chennai, IN
B. Tech in Computer Science and Engineering   Sep 2021 - June 2025
CGPA: 7.78/10

SKILLS

Programming Languages: Python, SQL
Machine Learning & Deep Learning: scikit-learn, TensorFlow, Keras, PyTorch
Data Analysis & Visualization: Pandas, NumPy, Matplotlib, Seaborn, Excel
Cloud & MLOps: AWS SageMaker, Google Vertex AI, Oracle Cloud Infrastructure, Git, Docker
Soft Skills: Leadership, Teamwork, Communication, Problem Solving, Adaptability

EXPERIENCE

GEEKSFORGEEKS   Bangalore, IN
Data Science Intern   Jul 2025 – Oct 2025
- Developed and implemented machine learning models using Python and scikit-learn, improved prediction accuracy by up to 20% on real-world datasets.
- Created 10+ data visualizations and tutorials, reaching 15K+ readers and enhancing data literacy across the community.

GOOGLE CLOUD   Remote
Gen AI Intern   Jul 2024 – Sep 2024
- Developed generative AI models on Vertex AI, cutting development time by 40% through prompt optimization.
- Enhanced output quality 2.5× using embeddings and synthetic data; reduced hallucinations by 35% with responsible AI techniques.

AMAZON WEB SERVICES   Remote
AI ML Intern   Dec 2022 – Feb 2023
- Built and deployed a CNN-based image classifier on SageMaker, improving accuracy by 18%.
- Automated data preprocessing pipelines using pandas and boto3 for S3 data ingestion.

CERTIFICATIONS

ORACLE CLOUD INFRASTRUCTURE 2025 CERTIFIED DATA SCIENCE & GEN AI PROFESSIONAL
Oracle   Jul 2025
- Gained expertise in cloud-based data science workflows, including data preparation, model training, and deployment, and learned to design, fine-tune, and deploy generative AI models using Oracle Cloud Infrastructure and AI Services for real-world applications.

IBM DATA SCIENCE
Coursera   April 2024
- Gained hands-on experience with Python, data analysis, visualization, SQL, and machine learning using real-world datasets. Developed predictive models and built interactive data dashboards to support business insights.

GOOGLE DATA ANALYTICS
Coursera   Sep 2023
- Learned end-to-end data analysis process including data cleaning, visualization, and interpretation using tools like Excel and SQL. Applied analytical thinking to solve real-world data-driven problems.

PROJECTS

NEUROFUSION: ADVANCING BRAIN TUMOR DIAGNOSIS USING CNN   Jan 2025 - May 2025
- Designed a CNN-based model using TensorFlow and Keras to classify brain tumors from MRI scans, achieved 95%+ accuracy across multiple tumor types.
- Optimized model performance through data augmentation and hyperparameter tuning, reduced false negatives by 30%, enhancing diagnostic reliability.

GENETIC DISORDER PREDICTION USING MACHINE LEARNING   Aug 2024 - Dec 2024
- Built a predictive model integrating genetic and environmental factors using Random Forest and Logistic Regression, achieved 92% accuracy in identifying high-risk cases.
- Analysed key features to provide insights into genetic and environmental risk contributors.

ACTIVITIES

CODING CLUB-SRM
Vice President   Sep 2023 – March 2024
- Led 200+ students, organized AI/ML hackathons, mentored juniors in Python, boosting engagement by 30%.