

Ridhwan S

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SUMMARY

Data Analyst & Machine Learning Practitioner with Python, SQL, and AI-driven analytics expertise. Skilled in developing predictive models, deep learning, NLP, and cloud-based solutions. Passionate about leveraging AI for business insights, automation, and decision-making.

EDUCATION

University Institute of Technology
Bachelor of Commerce with Computer Application

Alappuzha, Kerala
Aug. 2021 – May 2024

INTERNSHIP PROGRAM

Data Analyst & Machine Learning Practitioner
Luminar Technolab

Dec 2024 – Present
Kakkanad, Kerala

- Performed data cleaning, transformation, and analysis on large datasets using Python (Pandas, NumPy) and SQL, improving data accuracy by 30%.
- Developed interactive Power BI/Tableau dashboards to visualize financial and business insights, reducing reporting time by 40%.
- Built ML models for predictive analytics, including regression, classification, and clustering models, enhancing data-driven decision-making.
- Conducted Natural Language Processing (NLP) for sentiment analysis, improving customer feedback insights by 25%.
- Deployed machine learning models using Flask and AWS (EC2, S3, IAM) for scalable applications.

Python Full-Stack Developer
TechnoValley Software India Pvt. Ltd.

Oct. 2021 – Feb. 2022
Ernakulam, Kerala

- Developed a fully functional e-commerce platform using Django, implementing product management, user authentication, and secure checkout features.
- Designed and optimized a MySQL database to efficiently handle product listings, customer orders, and transactions.
- Improved website performance and usability by implementing server-side rendering with Django templates.

PROJECTS

E-Commerce Web Application | *Python, Django, MySQL, JavaScript*

Oct. 2021 – Feb. 2022

- Developed a Django-based e-commerce platform with user authentication and order management.
- Optimized database queries using MySQL indexing to enhance site performance.
- Integrated custom CSS and JavaScript for a responsive user experience.

TECHNICAL SKILLS

Programming Languages: Python, C++, SQL (MySQL), JavaScript, HTML/CSS

Machine Learning & AI: Scikit-learn, XGBoost, Random Forest, SVM, KNN, Decision Trees, Regression Models, TensorFlow, PyTorch, ANN, CNN, RNN, LSTMs, YOLO, OpenCV

NLP & GenAI: Sentiment Analysis, Tokenization, Pre-trained Models, LLMs, Stable Diffusion, Transfer Learning

Data Visualization & Analytics: Pandas, NumPy, Matplotlib, Seaborn, Power BI, Tableau

Cloud & Deployment: AWS (EC2, S3, IAM), Flask, Docker, Git, GitHub