FAWAZ KHAN R

DATA SCIENTIST

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SUMMARY

Data Scientist and Software Engineer with expertise in machine learning, big data analytics, and cloud technologies, delivering high-accuracy predictive models and scalable solutions. Skilled in bridging intelligent data-driven systems with software engineering to drive business growth and cross-functional collaboration.

SKILLS

Frontend: HTML, CSS, TypeScript, JavaScript, React, Vite, NextJS, Angular
Backend: ASP.NET MVC, ASP.NET Web APIs, Entity Framework Core (ORM), CSharp, Python, C
Databases: MySQL Server, BigQuery, Snowflake, Cloud Storage, SQLite, MySQL
AI/ML: Numpy, Pandas, Matplotlib, Plotly, Seaborn, Transformer Architecture, Agentic Workflows, Prompt Engineering, OpenCV, Keras, Tensorflow
Cloud: GCP, VertexAI SDK, Looker Studio, Cloud Run, Pub/Sub, Cloud IAM, Cloud Composer
CI/CD: Docker, Kubernetes, Docker Swarm
Technical Skills: Software Development, Version Control, Git, GitHub, Testing and Automation
Soft Skills: Leadership Skills, Public Speaking, Presentation Skills, Team Building

EXPERIENCE

Software Engineer – LTIMindtree   Jun 2025 – Present
Analytics Professional | Apache Superset, REST APIs, Angular, React, SQL

- Developed and maintained **5+ .NET and Angular MVC applications** for client presentations, ensuring scalable and user-friendly solutions.
- Designed and executed a POC for **Angular-to-React migration**, reducing frequent crashes by **30%** and improving application stability.
- Built **20+ interactive dashboards** to visualize client usage data, enhancing decision-making and transparency for **100+ users**.
- Conducted bug testing and **resolved 20+ issues** on the Data Analytics platform, improving reliability and performance by **25%**.

Frontend Development Intern – Nexeor Creative Technologies   Mar 2025 – Jun 2025
Web Development | React, Nextjs, Vite, HTML, CSS

- Built 15+ reactive, reusable components using the Next.js framework, migrating 100% of legacy HTML/CSS modules into modern, scalable architecture, improving frontend maintainability by 30% and reducing UI defects by 20%
- Optimized image handling performance using **caching strategies** and **lazy loading**, **cutting load times** for large files by **up to 50%.**.
- Streamlined component migration process, reducing development time by approximately 15–20% compared to manual HTML/CSS updates.
- Improved frontend performance and maintainability by modularizing components and adopting best practices in TypeScript and React.

EDUCATION

Bachelor of Technology (Computer Science and Engineering)

Dayananda Sagar University | Bangalore, IN   May 2025

CGPA: 9.11

CBSE – 12th

Maharishi Vidya Mandir Senior Secondary School| Hosur, IN   Mar 2020

Percentage: 94.6%

CBSE – 10th

Maharishi Vidya Mandir Senior Secondary School| Hosur, IN   Mar 2018

Percentage: 92.2%

PROJECT

Employee Leave Tracking System
- Developed a Full Stack Holiday Management System using ASP.NET Core Web API and Angular 17, implementing 10+ RESTful services.
- Built responsive Angular SPA with Reactive forms, 8+ standalone components and role-based navigation and improving user efficiency by 25%.
- Integrated Swagger API documentation and configured CORS policies, ensuring seamless frontend-backend communication and reducing integration errors by 40%

Code Review System using CodeLlama 7b Instruct, QLoRa and PEFT Principles
- Developed a Full Stack Holiday Management System using ASP.NET Core Web API and Angular 17, implementing 10+ RESTful services.
- Built responsive Angular SPA with Reactive forms, 8+ standalone components and role-based navigation and improving user efficiency by 25%.
- Integrated Swagger API documentation and configured CORS policies, ensuring seamless frontend-backend communication and reducing integration errors by 40%.

Image Caption Generator
- Designed and implemented a CNN–Transformer architecture for image captioning, achieving 82% caption accuracy and a BLEU score of 0.8 on Flickr8k and Flickr30k datasets.
- Optimized attention mechanisms and positional embeddings, improving sequence fluency by 15% compared to baseline models.
- Integrated Tacotron2 TTS with the captioning pipeline to deliver real-time multimodal outputs.
- Enhanced model robustness through experimentation with ResNet, VGG, and Inception feature extractors, boosting feature representation quality by 12%.

CERTIFICATIONS

Associate Data Practitioner

Google Cloud

- Demonstrates proven ability to secure and manage data on Google Cloud Platform (GCP).
- Highlights exposure to machine learning and visualization tools within Google Cloud, strengthening AI/ML profile.