

# James Miller

---

Senior AI & Software Engineer

Dallas, TX, USA

Email: jamesm5171996@gmail.com | GitHub: github.com/devmatt000 | Telegram: @devmatt3

## Professional Summary

Highly skilled AI/ML and Full Stack Engineer with over 8 years of hands-on experience designing, developing, and deploying intelligent, scalable software solutions. Proficient in machine learning, deep learning, and LLM integration, combined with full stack development using React, Node.js, Python (Django/FastAPI), and cloud platforms (AWS, GCP). Experienced in building end-to-end AI systems — from data engineering and model training to deployment and MLOps automation. Recognized for mentoring teams, leading projects, and driving innovation, delivering robust, user-focused applications that blend performance, scalability, and real-world impact. Passionate about leveraging AI technologies to enable digital transformation and smarter business outcomes.

## Core Skills

- Artificial Intelligence & ML: TensorFlow, PyTorch, Scikit-learn
- NLP & Computer Vision: Transformers (BERT, GPT, LLaMA), RAG, multimodal AI
- Full Stack Development: React.js, Angular, Node.js, Django, FastAPI, .NET
- Cloud Platforms: AWS, GCP, Azure
- Microservices & Containers: Docker, Kubernetes
- Databases: SQL, NoSQL, MongoDB, MySQL, MSSQL
- API Development: REST, GraphQL
- Programming Languages: Python, Java, C#, JavaScript, TypeScript, PHP
- CI/CD & DevOps: Jenkins, GitLab CI, AWS CodePipeline, MLflow, Kubeflow, Airflow

## Professional Experience

### AI/ML & Software Engineer | Quantum Dynamics

Utrecht, Netherlands | 03/2023 – 09/2025

- Designed and deployed end-to-end ML pipelines for predictive analytics, NLP, and computer vision.
- Built real-time inference APIs (FastAPI + Docker), reducing response latency by 35%.

- Engineered & fine-tuned LLMs and transformers (BERT, GPT, LLaMA) for chatbots, classification, and summarization.
- Processed 10M+ records with advanced data pipelines, boosting model accuracy by 20%.
- Implemented CI/CD and MLOps best practices with MLflow, Kubeflow, and Airflow.
- Researched & prototyped emerging AI trends (RAG, multimodal models, generative AI).
- Led cross-functional teams in integrating AI models into production, ensuring scalability and efficiency.

### **AI/ML Engineer | Confidential**

Utrecht, Netherlands | 12/2021 – 02/2023

- Developed full-stack applications with React, Node.js, and integrated APIs.
- Optimized database performance (MongoDB, MySQL, MSSQL).
- Built & maintained RESTful APIs and GraphQL endpoints.
- Delivered features in Agile sprints, resolving critical performance issues.
- Mentored junior developers, improving code quality and accelerating delivery cycles.

### **Junior Web Developer | Digital Nest**

Amsterdam, Netherlands | 06/2019 – 11/2021

- Designed and deployed user-friendly websites, improving client engagement.
- Handled front-end development (HTML, CSS, JS, PHP).
- Supported backend operations, ensuring data consistency & security.

### **Education**

B.Sc. in Computer Science

University of Texas, Austin, TX | 2014 – 2018