Mohammed Suhayl Dastager

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DUBAI,UNITED ARAB EMIRATES

PROFESSIONAL SUMMARY:

AI & Computer Science graduate skilled in full-stack development, machine learning, and workflow automation. Experienced in Python, Django, Flask, and cloud platforms, with proven success delivering AI-powered apps, predictive models, and automation systems. Strong background in LLM integration (OpenAI, Gemini, Groq) and building scalable, data-driven solutions.

TECHNICAL SKILLS:

Programming Languages: Python, Java, Dart, JavaScript, SQL, HTML/CSS
Frameworks & Tools: Django, Flask, React, Flutter, Supabase, Firebase, Git, GitHub, GitLab CI/CD, RESTful APIs
Machine Learning & AI: scikit-learn, XGBoost, LSTM, Prophet, NLP, Semantic Embeddings, Retrieval-Augmented Generation (RAG), OpenAI API, Gemini API, Groq LLM, Computer Vision
Automation & Integration: Zoho CRM, Twilio (WhatsApp API), SendGrid, Zapier, n8n, ContentSnare API, CrewAI
Cloud & DevOps: Docker, Render, Hostinger, CI/CD Pipelines, Virtualization, System Administration
Data Science & Visualization: Pandas, NumPy, Matplotlib, Data Cleaning, Statistical Analysis, Dashboards
Other Tools: Postman, Notion, Google Workspace, Adobe Premiere Pro, Canva, CapCut

MAJOR PROJECTS:

MoneyMentor – AI-Powered Personal Finance App
Tech: Flutter, Flask, XGBoost, SQLite, Gemini API, Firebase
- Built a mobile app to predict monthly spending, parse SMS transaction alerts, and offer real-time advice via a Gemini-powered AI chatbot.
- Integrated stock tracking using the Tingo API and implemented predictive budgeting with XGBoost.
- Evaluated performance through model benchmarking, user feedback, and live data testing.

FemmeVenture – AI-Powered Female Travel Platform
Tech: Django, Python, HTML/CSS, JavaScript, OpenAI GPT API
- Developed a women-focused travel platform with AI trip planning, safety forums, location-based reviews, and a buddy-finder feature.
- Integrated a GPT-based chatbot for real-time travel queries and planning assistance.
- Focused on user safety, moderation, and accessible UI/UX for female travelers.

Zoho–Twilio–OpenAI Chatbot Automation
Tech: Flask, Zoho CRM API, Twilio API, OpenAI GPT-4
- Developed a custom chatbot that connects with Zoho CRM to retrieve and update deals, add notes, and automate follow-ups via WhatsApp.
- Integrated Twilio API for conversational WhatsApp messaging and OpenAI GPT for natural language processing.
- Enabled full lifecycle deal interaction from message to CRM update in real time.

LinkedAI – AI Personal Branding Studio (In Development)
Tech: Next.js, Supabase, GPT, TypeScript
- Building a web app to generate LinkedIn post ideas, draft content, and create connection messages based on niche and tone.
- Includes planned features like post scheduling, CV scoring/editing, and expansion to Instagram and TikTok.
- Targeting job seekers, recruiters, and founders looking to scale personal branding with AI.

DPH Classifieds – UAE-Based Car Marketplace
Tech: Django, HTML/CSS, JavaScript
- Created a classified site with dynamic car ad listings, advanced filtering, and user-submitted content.
- Integrated UAE-style number plate generator and user dashboard for ad management.
- Added visual branding, paywall planning, and mobile responsiveness for local market appeal.

PROFESSIONAL EXPERIENCE:

Data Entry & Automation Engineer (Internship) – HFS (Halliday Forefeiting Services)
Remote | Feb 2024 – Present
- Developed and maintained a Flask-based automation system integrating ContentSnare, Zoho CRM, and Twilio for lead intake, document tracking, LP assignment, and due diligence.
- Automated client reminders, CRM updates, and financial document parsing using LLMs (Gemini, Groq) and CrewAI-ready logic.
- Streamlined workflows across four Zoho pipelines, reducing manual input and improving processing accuracy and response times.

Part-Time Content Creator – Loop Media
Dubai, UAE | Sept 2024 – Present
- Created, shot, and edited high-performing TikTok and Instagram videos tailored to regional trends and audience behavior.
- Managed content calendars and organized production schedules to ensure consistent posting and engagement.
- Collaborated cross-functionally to align video narratives with brand objectives, delivering storytelling with impact and clarity.

Digital Marketing Intern – RelphaCare Technologies
Remote | Jul 2024 – Sept 2024
- Designed and executed social media campaigns, including reels and carousel posts, to build brand identity and engagement.
- Led the ideation and creation of creative assets across Instagram and LinkedIn, aligned with the startup's holistic medical mission.
- Supported cross-departmental marketing strategies and tracked performance metrics to inform data-driven decisions.

Digital Marketing Lead – Chicking Fast Food
Dubai, UAE | Dec 2022 – Jun 2023
- Produced engaging Reels and TikToks, increasing reach and brand awareness through consistent posting and trend adaptation.
- Managed influencer partnerships and developed content calendars aligned with promotional goals.
- Analyzed engagement metrics to optimize performance and adjust content strategies accordingly.

EDUCATION & CERTIFICATIONS:

University of Birmingham Dubai
- **BSc in Artificial Intelligence with Computer Science Sep 2022 – Jul 2025**
  - Chancellor's Academic Merit Scholarship
- **Foundation in Engineering and Physical science Sep 2021 – Jul 2022**
  - Covered core topics in mathematics, physics, and computing as a preparatory year for AI specialization.

SAP Navigating Large Language Models:
Fundamentals and Techniques for Your Use Case
- Introduced key LLM concepts, use case identification, prompt design, and responsible AI deployment in business settings.

The Birmingham Dubai Award
- Issued Jan 2025 | University of Birmingham Dubai
- Awarded for exceptional personal and professional development through diverse extracurricular initiatives

Fundamentals of Deep Learning
- Issued Nov 2024 | NVIDIA

Cyber Security Workshop
- Issued Jun 2024 | Dubai Police

Microsoft Azure AI Fundamentals
- NLP & Computer Vision
- Issued Jun 2024 | Microsoft

OTHER PROJECTS:

Penguin Attribute Analysis Tool
- Developed an interactive data visualization tool for analyzing penguin species attributes.
- Enabled dynamic generation of bar charts and scatter plots based on user-selected features.
- Focused on enhancing data interpretability and exploratory analysis.

Semantic Embedding-Based Question Answering System
- Designed a Q&A system utilizing Distributional Semantic Models for contextual understanding.
- Implemented semantic search capabilities to map user queries to relevant answers.
- Explored advanced NLP techniques for improved information retrieval.

Web Stock Predictor
- Created a stock forecasting model using LSTM neural networks trained on historical data.
- Developed an interactive dashboard for visualizing time series predictions.
- Integrated real-time data retrieval through the Tiingo API for continuous updates.

VirtualED – VR Education Platform (Conceptual Project)
- Co-led the conceptualization of a virtual reality-based educational platform.
- Conducted user research and iterative prototyping to enhance user experience.
- Aimed to provide immersive learning environments for diverse educational needs.