Abdul Rehman

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SUMMARY

AI Engineer and Data Analyst pursuing **BS in Artificial Intelligence** at Dawood University of Engineering and Technology (GPA 3.4/4.0). Experienced in ML models, computer vision (YOLOv11), Generative AI (OpenAI, Gemini), full-stack AI integration (Next.js/FastAPI), and n8n automation. Demonstrated 20% performance gains, BI dashboard delivery, and production-ready AI features. Seeking **AI/ML engineering or data analytics** roles

EXPERIENCE

AI Automation Engineer (Junior Developer) | Soapplai **12/2025 to Present**

- **AI Agent Development:** Designed and deployed AI Content Agents using Gemini and OpenAI APIs to automate content creation workflows.
- **Workflow Automation (n8n):** Architected automation pipelines integrating third-party services, databases, and LLMs via low-code nodes and custom JavaScript.
- **Full-Stack Integration:** Connected Next.js frontend and FastAPI backend for seamless AI-driven data flow.
- **API & Schema Design:** Engineered RESTful APIs and Pydantic schemas for structured data validation between client and server

AI/ML Intern | Techrotics Technologies Lab (TTL) **10/2025 to Present**

- **Computer Vision:** Built ML models using OpenCV for real-world image processing at Bahria University Innovation Center.
- **Model Development**: Executed end-to-end pipelines — preprocessing, training, evaluation, and iterative improvement.
- **Applied Research:** Translated emerging AI/ML findings into functional prototypes and technical solutions.

Data Analyst Intern | Intern Intelligence **07/2025 to 01/2026**

- **Dashboard Engineering:** Built interactive Power BI dashboards converting complex datasets into actionable business insights.
- **Data Analysis:** Analysed datasets using Python (Pandas, Matplotlib) to surface trends and support project reviews.

Graphics & Frontend Intern | DevelopersHub Corporation **11/2024 to 01/2025**

- **UI/UX Design**: Created logos, banners, and digital assets for web and social media using Adobe Photoshop, Illustrator, and Canva.
- **Frontend Prototyping:** Applied React and Material-UI to develop responsive UI components under tight deadlines.

Freelance Graphic Designer | Fiverr **06/2020 to 04/2024**

- Completed 50+ logo design, branding, and illustration projects with a 95% client satisfaction rate over 4 years

PROJECTS

AI Employee — Autonomous Business Automation | Python, Odoo 19, PostgreSQL, Flask, JSON-RPC

- Built a fully autonomous AI system integrating Odoo 19 for accounting automation and social media management, automating invoice generation, payment reconciliation, and reporting.

Object Detection System | YOLOv11, Python, PyTorch, OpenCV

- Real-time object detection app with custom YOLOv11 training pipelines and inference optimisation across multiple object classes.

AI Content Agent — SaaS Marketing Platform | OpenAI API, Python, React, Social Media APIs

- Full-stack SaaS app using OpenAI API for automated marketing copy and image generation, cross-platform posting, with React frontend for campaign and website management.

AI Voice Assistant (Jarvis) | Python, Speech Recognition, NLP

- Voice-command assistant recognising natural language to execute tasks autonomously. (github.com/moiz14553/jarvis)

AI Chatbot — Idea Generation Agent | CrewAI, REST APIs

- Multi-agent chatbot using CrewAI flows and API integrations for automated customer support. (github.com/moiz14553/IDEA_GENERATION_CREW)

Business Intelligence Dashboards | Power BI, Python, SQL

- Interactive Power BI dashboards transforming datasets into visual insights. (github.com/moiz14553/InternIntelligence_tasks)

EDUCATION

BS in Artificial Intelligence | Dawood University of Engineering and Technology **2023 to 2027**
GPA: 3.4 / 4.0

HSC – Pre-Engineering | Adamjee Government Science College **2020 to 2022**
Grade: A (78%)

SKILLS

Languages & Frameworks: Python, C++, SQL, R, React, FastAPI
AI & ML: Machine Learning, Computer Vision (OpenCV, YOLOv11), Generative AI, NLP, CrewAI, LLMs, OpenAI API, Gemini API
Data & BI: Pandas, NumPy, Matplotlib, Seaborn, Power BI, Excel, Data Visualisation
Cloud & DevOps: Git, GitHub, Docker, PostgreSQL, SQLite, SQLAlchemy, Pydantic, Jupyter
Design & Frontend: Adobe Photoshop, Illustrator, Canva, Branding
No Code / Low code: n8n, Antigravity, Cursor

CERTIFICATIONS

- Generative AI & Cloud Computing — PIAIC
- IT Support Fundamentals — Google
- Advanced Information Technology — AIT
- Programming Fundamentals — Coursera
- Foundations: Data, Data, Everywhere — Google
- Software Engineering Job Simulation — Blackbird Australia