

ALERDO BALLABANI

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SUMMARY

Applications Engineer with 1+ year of experience in Python, SQL, and modern data-engineering tools. Skilled in data analysis, dashboard development (Power BI), and ETL workflows. Strong experience in automating data flows, optimizing SQL queries, and developing AI/ML models. Please visit my portfolio website for more information.

SKILLS

- Logistic Regression, Decision Trees, Random Forest, SVM, Gradient Boosting, LLM, Hugging Face
- Python, TensorFlow, PyTorch, Scikit-learn, PowerBI, SQL Server, AWS
- Organized, Curious, Enthusiastic to Learn, Strong Problem-Solver, Team Player, Adaptable

EXPERIENCE

Applications Systems Engineer

MAPP 📅 06/2024 – Present, 📍 London

- Led visualization projects and collaborated with stakeholders to deliver real-time KPIs
- Built ETL data flows using Python for data processing, transformation, and system synchronization
- Automated reporting using SQL reducing manual effort by 80% of the time
- Built and deployed SSIS/SSRS dataflows for large-scale data analysis

Developer Trainee

IT Career Switch 📅 05/2022 - 11/2023, 📍 London

- Participated and collaborated in projects to design and build full-stack applications leveraging Rest API, and MySQL relational database
- Used SQL, Python, relational databases, and Power BI for data insights
- Managed and collaborated on different projects with Git and GitHub

EDUCATION

BS Computer Science

University of London

📅 09/2025 📍 London, UK

Professional Certificate in Machine Learning & AI

Imperial College Business School

📅 09/2024 - 04/2025 📍 London, UK

PCAP Certified Associate Python Programmer

Python Institute

📅 11/2023 📍 London, UK

PCEP Certified Entry-Level Python Programmer

Python Institute

📅 11/2023 📍 London, UK

OTHER PROJECTS

- [Churn Prediction](#)
- [Portfolio Movement Visualisation](#)
- [Black-Box Bayesian Optimisation](#)
- [Investment Returns Analysis](#)