

ALLINSON QUADRI

Python & Cloud Data Engineer | Software Developer | DevOps Practitioner

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PROFILE

Results-driven Data and DevOps Engineer with experience designing and automating scalable cloud and data platforms for enterprise clients including Disney. Skilled in building APIs, CI/CD pipelines, and analytics systems using Python, Docker, Kubernetes, and modern data stacks. Passionate about optimising workflows, ensuring code quality through test-driven development, and delivering business value through clean, efficient, and secure engineering practices.

EXPERIENCE

PUBLICIS MEDIA – London, UK

TAAG Developer / Software Developer

Sep 2024 – Present

- Lead **GTM / SGTM architecture** across global client websites including Disney and Crucial, enhancing event-level tracking and data integrity.
- Built **Python-based data pipelines** and automated BigQuery integrations, improving analytics accuracy and reducing manual reporting time by 40%.
- Designed and deployed server-side **tagging systems** with Dockerised containers on GCP.
- Automated **unattributed CM360** and **Meta data extraction** into structured Excel/Looker outputs.
- Improved internal tooling with **CI/CD scripts**, reusable tagging modules, and performance dashboards.

DTG CARS – Leicester, UK

Automotive Software Engineer (Freelance)

May 2023 – Sep 2024

- Engineered predictive maintenance models using Python for vehicle diagnostics and service optimisation.
- Automated reporting processes using **Flask APIs** and SQL data storage.
- Managed logistics and data systems, applying DevOps principles to streamline operations.

GATE GROUP – London, UK

Supervisor / Developer

May 2018 – May 2023

- Developed REST APIs and PowerApps to digitise logistics and employee onboarding, reducing setup time by 20%.
- Implemented Python automation scripts for data cleansing, KPI reporting, and cross-department analytics.
- Created Power BI dashboards for management insight, cutting manual KPI collation by 60%.
- Supported early cloud migration and automation initiatives using Azure and Docker.

EDUCATION

University of Essex – BSc Computer Science (First Class Honours)

2020 – 2023

- Relevant Modules: Machine Learning, Software Engineering, Data Science, Web Development
- Awards: Dean's List (2021, 2022, 2023)

Royal Greenwich UTC – A-Levels: Maths, Physics, Computing, Electronics, Finance

University of Cambridge – Summer Course (Data Science Track)

KEY PROJECTS

- **Email Attribution Parser** – Automated CM360 report extraction using **Python, Pandas, Regex**, and Excel integration.
- **Invoice OCR Translator** – Applied **OpenCV + Tesseract** for document OCR into structured spreadsheets.
- **CMT Platform** – Built full-stack **vehicle analytics web app (ASP.NET, React, MySQL)** deployed via Azure DevOps CI/CD.
- **COVID-19 Modelling Tool** – Created an NHS-style forecasting model in **Python/Java**, visualising infection trends.

CERTIFICATIONS

- Google Cloud Digital Leader (2024)
- AWS Cloud Technical Essentials (2023)
- Azure AI Engineer Associate (Expected 2025/26)

TECHNICAL SKILLS

- **Languages:** Python, R, Java, C#, C++, SQL, JavaScript
- **Frameworks:** Flask, FastAPI, Django, ASP.NET, React
- **Cloud & DevOps:** AWS, Azure, GCP, Docker, Kubernetes, Terraform, GitHub Actions, Jenkins
- **Data & Analytics:** BigQuery, Power BI, Looker, GA4, CM360
- **CI/CD & Microservices:** GitOps, ArgoCD, TeamCity, Octopus Deploy, REST APIs, TDD
- **Other:** GTM/SGTM, Data Pipelines, Monitoring (Grafana, Prometheus), Automation

HIGHLIGHTS

- Proven success building **secure, high-performance cloud solutions** and **automated pipelines** in production environments.
- Experienced in **cross-functional collaboration**, leading tagging and data infrastructure projects across engineering, analytics, and marketing teams.
- Recognised for **innovation, troubleshooting excellence**, and rapid delivery of automation tools that improve reliability and scalability.