Aymane Cheikh

Software Engineer

London, UK | aymanecheikh2002@gmail.com | Portfolio | GitHub | LinkedIn

Software engineer building backend services, data pipelines and full-stack products. Currently at SWA, previously a Python Developer at J.P. Morgan. Independent product work includes Innison and Chaac. Collaborative work includes Taizo's clinical note flow, Pyon Wealth's adviser-reviewed reporting and Blayd's agent workflows.

EXPERIENCE

Software Engineer | SWA Apr 2026 - Present

- Built sport-aware partner documentation and market catalogue workflows in Next.js, TypeScript and Payload CMS, including editable workbook grids, market search and publication-readiness checks.
- Developed fixture and recovery capabilities for a multi-sport odds feed and TypeScript partner SDK, including PostgreSQL-backed boxing fixtures, typed event APIs and RabbitMQ replay after reconnect.

Python Developer | J.P. Morgan Chase & Co. Dec 2024 - Apr 2026

- Built Python services and data ingestion pipelines for investment banking and securities operations, using pandas, SQLAlchemy and internal APIs.
- Contributed to assistive AI and semantic-search work over operational data, and automated reporting through enterprise integrations including Jira.

Network Management Apprentice | J.P. Morgan Chase & Co. 2020 - 2024

- Built Python automation and OCR extraction workflows for scanned documents while working across custody, payments and markets teams.

SELECTED PRODUCT WORK

Taizo Co-developed

Implemented OpenAI integration and strengthened the co-writer, diarized note generation and structured-note validation alongside another developer.

Blayd Contributed

Implemented human-scoped permissions for agent tools, deterministic ticket-board selection and queued workflow retries within an existing platform.

Innison Built independently

Built the property calendar and booking workflows, with a durable outbox for availability sync. Pilot and provider acceptance remain in progress.

Chaac Built independently

Built the radio collection pipeline, DJ taste ranking, previews and crates. Public alpha; DJ field validation is ongoing.

TECHNICAL SKILLS

- TypeScript, Next.js, React, Python, C# and .NET
- PostgreSQL, SQL, REST APIs, data pipelines and RabbitMQ
- OpenAI and Azure OpenAI integrations, MCP and agent tool safeguards
- AWS, Azure, Docker, CI/CD and automated testing

EDUCATION AND CERTIFICATIONS

BSc Applied Finance | University of Exeter 2020 - 2024

CFA Level I, CFA Institute, Feb 2024
Certified Associate Python Programmer, Python Institute, Aug 2024