Marcus Bell

FORWARD DEPLOYED ENGINEER

New York, NY (646) 555-0193 marcus.bell@email.com linkedin.com/in/marcusbell

Summary

Forward deployed engineer with 5 years of software engineering experience, the last 2 embedded with enterprise customers to ship LLM and data integrations. Builds Python and TypeScript services, RAG pipelines and APIs on AWS and Azure. Scopes work directly with customer engineers and executives, even when requirements are still ambiguous.

Skills

• Python • TypeScript • React • SQL • AWS • Azure • Kubernetes • LLMs • RAG • Prompt Engineering

Experience

Forward Deployed Engineer 09/2024 - Present

Meridian Signal AI New York, NY

Enterprise AI platform deployed with banks, insurers and hospital systems.

- Deployed RAG search over 2.4M policy documents for a regional insurer, cutting claim lookup time by 60%.
- Wrote Python connectors to customer SQL warehouses and REST APIs, onboarding 9 enterprise accounts in 14 months.
- Tuned prompts and evaluation sets for LLM agents, raising answer accuracy on customer test sets from 71% to **93%**.
- Ran weekly sessions with customer engineers and executives to turn workflow pain points into scoped builds.

Software Engineer 06/2021 - 08/2024

Harborline Analytics Jersey City, NJ

Data pipeline and reporting software for asset managers.

- Built TypeScript and React tools for portfolio analysts, used daily by 300 people at 12 client firms.
- Containerized ingestion jobs with Docker and Kubernetes on AWS, reducing failed nightly loads from 9% to 1%.
- Partnered with sales engineers on 20 client pilots, writing integration plans and answering technical questions on calls.
- Moved two client deployments from AWS to Azure within a quarter to meet their data residency rules.

Software Engineering Intern 05/2020 - 08/2020

Garden State Transit Data Newark, NJ

Real-time arrival data for regional bus operators.

- Coded a Go service that cleaned GPS feeds from 800 buses before they reached the arrivals API.
- Added SQL checks that caught stale stop data and cut rider complaints about wrong arrival times.
- Presented the results to the operations team, which kept the service in production after the internship.

Education

Bachelor of Science 05/2021

Rutgers University New Brunswick, NJ

Computer Engineering

Certificates

AWS Certified Solutions Architect - Associate 10/2023

Amazon Web Services