

Aryan Shah

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🌐 linkedin.com/in/aryxenv/ 📅 01/09/2026

Summary

Solutions Engineer Intern (AI Apps) at Microsoft and Data Science graduate with hands-on experience solving business challenges through AI and cloud technologies. Experienced in client-facing workshops, technology strategy, solution design, and delivery of production-ready AI solutions across enterprise customers

Experience

Solutions Engineer Intern (AI Apps / Data), Microsoft 02/2026 – 07/2026 | Zaventem, Belgium

- Facilitated customer discovery workshops, requirements gathering, and solution design discussions, translating business needs into enterprise AI solution architectures.
- Supported enterprise customer solutioning across rail, manufacturing, banking, communications, and consulting accounts by shaping Azure AI architectures, validating technical approaches, and producing customer-ready assets.
- Delivered customer-facing Azure AI demos for RAG, MCP, agentic AI, Azure App Platform, and realtime voice scenarios, including events with 50+ researchers, 30+ hackathon participants, and 40+ frontier AI attendees.
- Built reusable solution accelerators Microsoft Foundry (GraphRAG), GitHub Copilot, MCP, realtime transcribe/translate, turning enterprise requirements into validated demos and deployable prototypes.
- Created internal skills/MCP tooling and field assets, including contact discovery workflows, infrastructure-as-code demo environments, GitHub templates, and architecture guidance.
- Produced Azure AI architecture guidance for enterprise stakeholders, covering GA vs preview capability selection, governance patterns, MCP/A2A usage, and agent implementation tradeoffs.

Part-time Frontend & AI Developer, Pickit 3D 11/2025 – 02/2026 | Leuven, Belgium

- Improved global client interfaces for production facilities, core Pickit3D product.
- Designed and documented an AI-assisted troubleshooting RAG system to streamline support workflows.

Frontend & Cybersecurity Intern, Pickit 3D 07/2025 – 09/2025 | Leuven

- Owned and modernized Pickit 3D's ThreeJS Camera Selector by redesigning the React/TypeScript UX, improving architecture and performance, and adding dynamic accuracy calculations from official 3D-camera documentation.
- Enabled Application Engineers & Sales to deliver faster visual customer guidance, increasing pre-sales engagement and reducing camera-selection support requests.
- Led migration from a shared company server to a dedicated LDAP instance with DevOps, deploying a custom Docker container to improve ownership and access control while enforcing TLS/SSL.

Education

Bachelor's degree, Data Science, Protection & Security, Thomas More University of Applied Sciences 09/2023 – 06/2026

- Magna Cum Laude (82%)
- Coursework includes software/web development, AI/ML, data analysis, data science, database management, cybersecurity and finance.

Skills

AI & ML

GenAI, RAG, AI Agents, Vector Databases, Prompt Engineering, LLMops, MLOps, Scikit, Pytorch, Pandas, Agent Framework

Cloud & Engineering

Azure, Microsoft Foundry, AzureML, FastAPI, Docker, Azure Container Apps, Azure Kubernetes Service, Github, Fabric

Certifications

- Azure AI Fundamentals (AI-900 & AI-901)
- Azure Fundamentals (AZ-900)
- Azure Data Fundamentals (DP-900)
- Github Copilot (GH-300)
- Github Fundamentals (GH-900)
- Github Agentic AI Engineer (GH-600)

Languages

- English (Fluent)
- Dutch (Fluent)

Projects

GraphRAG Demo , <https://github.com/aryxenv/graphrag-demo> 03/2026 – 03/2026

Built customer-facing Microsoft AI Tour demo comparing vanilla RAG vs GraphRAG through a React/Fluent UI interface, FastAPI SSE backend, 3D knowledge-graph explorer, and guided build pipeline powered by Microsoft Foundry, Azure AI Search, GPT-4.1, and Bicep/azd.

AKS Agent Governance Toolkit , <https://github.com/aryxenv/aks-agent-with-governance-toolkit> 05/2026 – 05/2026

Deployed Microsoft Agent Framework weather agent on AKS with a FastAPI SSE wrapper, lightweight Fluent UI client, Kubernetes manifests, and an Agent Governance Toolkit policy sidecar enforcing deterministic tool controls for Nominatim/Open-Meteo weather.

Hosted Agent RCE Security Demo , <https://github.com/aryxenv/foundry-rce-code-attack> 04/2026 – 06/2026

Cross-team collaboration to engineer a secure-vs-unsecure hosted-agent demo showing how prompt injection can abuse custom in-container code execution to bypass sanitized PostgreSQL access and leak fake PII through chart artifacts, then contrasted it with Foundry Code Interpreter sandboxing, managed identity, Bicep/azd infrastructure, and private Blob artifact delivery.

Webslides , <https://github.com/aryxenv/webslides> 06/2026 – 06/2026

Created web-app slide deck framework from a hackathon concept for customer presentation delivery, supporting in-slide demos, reusable React/Tailwind components, Copilot-assisted theming/authoring skills, GitHub Pages publishing, and export to PDF/PowerPoint.

Azure GPT-realtime-whisper/translate Demo , <https://github.com/aryxenv/azure-gpt-realtime-whisper-translate> 06/2026 – 07/2026

Pitch-ready deck/demo of the new gpt-realtime-whisper and gpt-realtime-translate models on Azure using Microsoft Foundry.