ASSOCIATE DIRECTOR · AI ENGINEERING & AGENTIC SYSTEMS

Vinayaka K M

I build AI systems that survive contact with real enterprise work — *documents that get read, processes that get mapped, answers that can be traced back to a source.* Six years across AI engineering, data platforms and analytics, the last two at UBS.

Pune, India • UBS · Associate Director • 6+ years

YEARS SHIPPING	AI SYSTEMS SHIPPED	DASHBOARDS DELIVERED	ORGANISATIONS
6+	**7**	**5**	**10**

01 SELECTED WORK

What I actually shipped

Seven systems built inside UBS between 2025 and 2026. Expand any card for the engineering detail.

OPUS — process intelligence

Turn SOPs and supporting documents into interactive reports and editable BPMN 2.0 process maps, so complex workflows can finally be read, reviewed and argued with.

- Gained firmwide visibility and popularity at UBS — the internal product people asked for by name.
- Process comparison and reverse-SOP generation: go from a process map back to readable procedure, or diff two versions of the same workflow.
- Report-grounded analyst chat: questions answered against the generated report, not a hallucinated corpus.
- Source traceability, structural validation and bounded repair loops so generated outputs can be reviewed, not just trusted.

`Azure OpenAI · multi-agent orchestration · BPMN 2.0 · RAG · FastAPI`

Agentic engineering platform

Multi-step planning, code generation and execution, built on reusable skills and configurable agents.

Automated data lineage

Agent-assisted discovery that produces OpenLineage artifacts, with scheduled audits instead of one-off archaeology.

Document validation engine

Multi-agent rule validation that finds policy violations in documents and shows its evidence for each finding.

Executive analytics suite

Five dashboards across risk, root-cause analysis, operational reporting and job recommendations.

Invoice automation

End-to-end AI-assisted workflow: ingestion, structured extraction, rule-based decision mapping, automated email generation.

Self-service AI tooling

Configuration-driven application provisioning and coordinated agents for chat, presentations, data analysis and coding.

02 EXPERIENCE

Six years, three companies, one obsession

Data engineering and analytics first, then AI products — the same question each time: how does this workflow actually work?

`Sep 2026 — Present` **Associate Director** UBS

Pune, India · Permanent

Joined as a permanent Associate Director after delivering for UBS as a contractor through Atyeti. Focus: AI platforms, process intelligence and enterprise automation.

`May 2025 — Sep 2026` **Senior AI Engineer** Atyeti IT Services

Client: UBS · Pune, India

Built OPUS and six further AI systems for UBS — process intelligence, agentic platforms, document validation, lineage, analytics and invoice automation.

`May 2023 — Apr 2025` **Data Engineer** Cognine Technologies

Hyderabad, India

Enterprise pipelines for ingestion, transformation and delivery of structured and unstructured data; models and analytical workflows for BI and reporting.

Sep 2021 — Apr 2023

Junior Associate Consultant Rythmos

Hyderabad, India

Dashboards, data analysis and client-facing reporting across enterprise consulting engagements.

2020 — 2021

Internships Six organisations

UsefulBI · Verzeo · Innomatics · Datai Analytics · Xonlabs · The Sparks Foundation

One year of combined internships across data science, software development and business analysis. Led a four-person team on a blockchain-based video-surveillance project at Xonlabs.

03 STACK

The tools, honestly listed

What I have shipped with, grouped the way the work actually decomposes.

AI & ORCHESTRATION

Agentic AI · Multi-agent systems · Azure OpenAI · Anthropic Claude · RAG · Vector databases · Tool calling · Prompt engineering

APPLICATION ENGINEERING

Python · FastAPI · REST APIs · React · TypeScript · Next.js · Plotly Dash · Jinja2

DATA & CLOUD

Microsoft Azure · Azure AI Foundry · SQL · PostgreSQL · Azure SQL · Azure Storage · Data pipelines

ENTERPRISE AUTOMATION

Document intelligence · BPMN 2.0 · OpenLineage · Model Context Protocol · Process analytics · Invoice workflows · Tableau

04 BACKGROUND

Education

B.E. Computer Science

Sapthagiri College of Engineering, Bangalore · 2017–2021

Certifications

- IBM Data Science Specialization
- Machine Learning with Python · Structuring ML Projects
- Data Analysis with Python
- Tableau Dashboards
- Atyeti L&D — Agentic AI, Azure AI Foundry

05 CONTACT

Hiring for something that needs to actually work?

I am open to conversations about AI platform work, agentic systems and process intelligence. Email is fastest.

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