

Afthab VP

+971501481203 | afthab01@gmail.com | Dubai, UAE | Employment Visa

Senior Staff Engineer | 12 Years

[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

SUMMARY

Based in Dubai, UAE. Backend engineer with 12 years building production systems. Leading the backend team at AI Squared, building an enterprise AI platform with agents, workflows, ETL/Reverse ETL and AppGen (a coding agent). Previously founding engineer at Multiwoven. I own things end to end, from tech spec to production.

EXPERIENCE

AI Squared, Dubai

Senior Staff Engineer MAY 2024 - PRESENT

- Leading the backend engineering team. Assigning PO/P1 KR's, defining processes, reviewing architecture decisions and enforcing code quality.
- Built AppGen, a coding agent that generates and deploys full-stack apps from natural language. Built backend execution, database support with Neon DB and object storage.
- Built the AI Workflow Builder, A2A protocol, MCP integration, RAG pipeline and the full Reverse ETL engine. All shipped to production.
- Integrated 10+ LLM providers (OpenAI, Claude, Bedrock, Vertex, WatsonX) with 30 source and 27 destination connectors.
- Implemented RBAC across all platform APIs. Defined and own the bug triage process.
- Run production integration testing. Coordinate across backend, frontend and DevOps to ship weekly releases.

Multiwoven, Bangalore

Founding Engineer FEB 2024 - MAY 2024

Open-source Reverse ETL platform. Syncs data from Snowflake, BigQuery into Salesforce, HubSpot and 20+ tools.

- Built the core sync engine from scratch. Temporal workers, cursor-based sync, cron scheduling, batch query with exit conditions, heartbeat timeout for loader.
- Implemented RBAC for all APIs, role policies, workspace user roles and resource-level access control.
- Worked with founders to define the technical roadmap and hire the first engineers.

Algonomy, Bangalore

Senior Software Engineer IV SEP 2021 - FEB 2024

Real-Time Customer Data Platform. Central repository for customer data used for segmentation and personalisation.

- Built real-time segmentation, batch data upload pipeline and unified customer profile service.
- Built user management microservice with role-based access for enterprise users.

SKILLS

Ruby
Java
Python
TypeScript
SQL
Ruby on Rails
Spring Boot
React
Next.js
LangChain
LangGraph
AI Agents
RAG
MCP
Agent2Agent
LLM Integration
OpenAI
Claude
Prompt Engineering
Vector Databases
PostgreSQL
Aurora
DynamoDB
Redis
Snowflake
BigQuery
Kafka
Docker
AWS
Linux
Temporal
Kong API Gateway
HAProxy
Neon DB
TDD
Microservices

- Built front-end pages (Deal Page and Checkout Page) in React.

Distributed Systems
System Design
Reverse ETL

LANGUAGES

English - Full professional
Malayalam - Native

INTERESTS

Bike Riding
Cricket, Football

HealthEdge, Bangalore

Senior Software Engineer MAY 2018 - AUG 2021

- Set up EFK logging stack handling 60GB logs/month for 50 customers.
- Implemented micrometer with EFK for application monitoring and tracing.
- Built auth microservice using Spring OAuth2.0 with RBAC and ABAC.
- Wrote custom Kong API Gateway plugin for cross-service authorization across all microservices.
- Implemented TCP load balancer using HAProxy between services.
- Built a Data Lake using Oracle GoldenGate, Apache Spark and Hive.

6D Technologies, Bangalore

Senior Software Engineer DEC 2015 - APR 2018

- Built ISO-8583 financial middleware from scratch for a bank in Fiji. Sole backend developer.
- Built HSM simulator. Designed M-Wallet and Payment Gateway for African market (MTN group).
- Cross-border payment platform with BOE integration. Affiliate program for partner portal.

Vuelogix Technologies, Bangalore

Software Engineer APR 2014 - OCT 2015

- Built IoT remote monitoring using SNMP and Modbus. Java multithreading and design patterns.

EDUCATION

College of Engineering, Trivandrum

B.Tech in Computer Science | 2009 - 2013