

Md Akdas Ahmad

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EXPERIENCE

Kotak

Software Development Engineer II

April 2025 – Present | Gurgaon

- **Team:** Kotak Dealers Assist Console (KDAC) – Treasury.
- Designed a **Config Service** with caching and Redis write-behind mechanism, reducing API latency and ensuring configuration consistency.
- Implemented unified **logging with correlation-ID** to trace requests across microservices, improving observability and debugging efficiency.
- Developed new **pricing policy requirement** to meet RBI compliance for remittance and travel-card products; exposed APIs to deliver real-time forex rates to dependent systems.
- **Tech:** Java, Spring Boot, PostgreSQL, Redis, Kafka, Docker, ADO, Django

Software Development Engineer

July 2023 – March 2025 | Gurgaon

- Developed a **regulatory reporting system** with editable feature and approval workflows, automating RBI submissions and reducing manual effort by **40%**.
- Built **KDAC (Kotak Dealers Assist Console)** – a forex trading platform for treasury dealers – from scratch, developing core modules and system integrations.
- Integrated core-banking APIs (e.g., **Margins, Limits, Deal Flow**) with major forex platform **RET/CALYPSO**, ensuring seamless trade data flow.
- Implemented **schedulers and parser** to compute key metrics (e.g., outstanding amt, limits, volume) from multiple upstream systems.
- Led **end-to-end deployments** across DEV, UAT, and PROD using ADO pipelines.
- **promoted to SDE II** for strong technical ownership, delivery quality and domain expertise..

Amazon

Software Development Engineer

July 2022 – April 2023 | Gurgaon

- **Team:** Under-The-Roof (UTR) Convergence – Last Mile Delivery Product & Tech.
- Designed, developed, and led the **pilot launch** of package **unassignment** and **status override** features in **Mission Control**, migrating them from the legacy PSUI service to improve exception handling efficiency.
- Enhanced system usability by integrating these features directly into Mission Control's **React + TypeScript frontend**, streamlining workflows for delivery station operators.
- Optimized **AWS Lambda performance** of our BE service, cutting cold start times by **50%** via Provisioned Concurrency, JVM Tiered Compilation, and migration from Guice to Dagger.
- Actively participated in **on-call** rotations, resolving high-severity incidents, mitigating SAS and Shepherd risks, and improving service reliability.
- **Tech:** Java, Spring Boot, AWS Lambda, Step Functions, React, TypeScript, Dagger, AWS Cloud.

Samsung

Software Development Engineer Intern

Feb 2022 – June 2022 | Noida

- Worked in the **System R&D team** on vibration and USB modules, validating hardware–software interactions.
- Performed **sanity testing** by flashing updated binaries to mobile and tablet devices, ensuring module stability.
- Participated in internal **software competency and technical training programs**.




EDUCATION

Jamia Millia Islamia

B.Tech in Computer Science and Engineering
CPI: 8.95

2018–2022
New Delhi, India

ACHIEVEMENTS

- Kotak **Quarterly Award** 
- Certificate of recognition for **speed and simplicity in kotak** 
- 4 Star Rating in **Codechef (Max. Rating- 1855)**. 
- Google Hash code(2020) 