

Lokesh Singh

Software Engineer at Amazon with 4 years of experience building distributed systems and launching international marketplaces

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SKILLS

Languages: Java | Python | TypeScript | SQL

Cloud: AWS , GCP

Frameworks: React.js | Spring Boot | Serverless

Design: Distributed Systems | Microservices | Event-Driven Architecture | REST APIs | HLD | LLD

Data: Apache Spark | ETL Pipelines | Map-Reduce

Tools: Git | CI/CD | CDK

WORK EXPERIENCE

Software Development Engineer 2 (SDE 2)

Nov 2024 - Present

Amazon

Madrid, Spain

- Leading technical workstreams to expand Amazon Business to new marketplaces — search optimization, ordering flows, cross-platform integrations
- Building reusable, config-driven solutions that decouple country-specific logic from core business flows

System Development Engineer 2 (SysDev 2)

Sep 2024 - Nov 2024

Amazon

Madrid, Spain

- Delivered 6 features end-to-end for Amazon Business Mexico launch — customer acquisition, seller tools, checkout, order management
- Migrated order history to a new stack with region-aware API contracts, eliminating cross-marketplace regressions
- Resolved critical post-launch checkout and B2B pricing defects ahead of Mexico's largest sales event
- Recognized with the org-wide "Big Deal" Award for Deliver Results

System Development Engineer 1 (SysDev 1)

Oct 2022 - Sep 2024

Amazon

India

- Built a serverless audit automation platform (Lambda, DynamoDB, SQS, Step Functions, React) monitoring 1,000+ services for operational readiness
- Eliminated 26,000 hours/year of manual reporting by creating a metrics dashboard for 500+ teams using map-reduce over 25GB+ data in Redshift
- Delivered a service health scorecard for senior leadership with async SQS+Lambda computation and React UI
- Enabled audit access across 22,000+ AWS accounts via internal identity service integration
- Mentored 3 interns, all received full-time offers. Shipped 330+ code reviews, 400K+ lines of code

Technology Analyst

Mar 2022 - Oct 2022

Deutsche Bank, RFT (Risk, Finance and Treasury)

Pune, India

- Improved financial data integrity by building reconciliation system components that match, validate, and reconcile transaction data across trading platforms and risk management systems
- Reduced manual break investigation time by developing automated break detection and resolution workflows that identify discrepancies between front-office, middle-office, and back-office systems
- Ensured regulatory compliance by building data processing pipelines for cross-system financial data validation using Apache Spark and ETL pipelines
- Improved operational visibility by implementing exception management dashboards for monitoring reconciliation status, break aging, and resolution metrics

Technology Intern

May 2021 - Jul 2021

Deutsche Bank, RFT (Risk, Finance and Treasury)

Pune, India

- Automated candidate screening by developing an NLP-based Resume Screener that uses text extraction, entity recognition, TF-IDF, and cosine similarity to rank candidates against job descriptions
- Built end-to-end pipeline: resume parsing, structured data extraction, similarity scoring, and ranked candidate output, resulting in a full-time return offer

EDUCATION

Motilal Nehru National Institute of Technology (NIT Allahabad)

2018 - 2022

Bachelor of Technology (B.Tech), Computer Science and Engineering | GPA: 9.05/10

- Ranked 11th in a class of 200+ CS students | Gold Medalist in multiple courses | Computer Coding Club member

AWARDS

"Big Deal" Award for Deliver Results - Amazon Business, 2024 | Recognized for delivering critical workstreams for Amazon Business Mexico launch

Exceeds Expectations Rating - Amazon, Q1 2024

JEE Advanced and JEE Mains School Topper - 2018 | Top 0.05 percentile among 1,000,000+ candidates