Shubham Kumar

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Experience

Atlassian Jan 2025 – Present
Software Engineer II *Bengaluru, India*

- Implemented concurrent task execution in automation workflows, running independent Jira updates, notifications, and connected-app actions in parallel to reduce completion time by **50%**.
- Implemented backend routing logic for workflow tasks by integrating condition-evaluation APIs with task handlers, selecting execution paths from runtime data.
- Improved reliability of Java and Kotlin workflow services by classifying HTTP errors and retrying transient failures, reducing outage-related failures by **3–4%**.
- Built rule-version snapshots across orchestration services so in-progress workflows continue using the rules they started with, preventing customer edits from aborting execution.
- Implemented tenant migration logic across **16 database tables**, adding checksum validation and rollback safeguards to support **83K successful migration workflows** across multiple AWS regions.
- Implemented third-party event triggers in Java backend services and the React rule builder, enabling customers to start workflows from connected-app events.
- Developed a bulk service-limit management tool that lets support engineers update thousands of customer accounts per request during incidents, reducing recovery time by up to **50%**.

Flipkart Jul 2024 – Jan 2025
Software Development Engineer I *Bengaluru, India*

- Debugged and fixed critical defects in cart and payment screens, improving checkout reliability.
- Migrated native Android and iOS modules to **React Native**, improving cross-platform compatibility and reducing development overhead.
- Implemented launch-time location presets in the **Flipkart Minutes** Android app, improving usability and street-level accuracy.
- Extended the **Flipkart Minutes** app UI to support tobacco products in its quick-commerce catalog.

Atlassian Jan 2024 – Jun 2024; Jun 2023 – Jul 2023
Software Engineer Intern (Winter and Summer) *Bengaluru, India*

- Developed APIs to create and update **data migration pipelines** in Lithium, Atlassian's Kafka-based data-movement platform, enabling Jira Data Center-to-Cloud migrations for **1,000+ tenants**.
- Created **SignalFX dashboards and automated alerts** to monitor service health, detect unexpected behavior, and troubleshoot migration issues.
- Built **Lithium Lens** from scratch, connecting a web dashboard to backend APIs for creating, updating, deleting, and monitoring migration pipelines.
- Developed **Jira APIs using QueryDSL** and an upgrade-status dashboard, helping engineers find upgrade tasks and track progress.
- Built a peer-feedback feature for the team's **Slack bot**, automating teammate pairing, conversation threads, and weekly feedback reminders.

Skills

Languages: Java, Kotlin, Python, JavaScript, TypeScript
Frameworks and Technologies: Spring Boot, Netflix Conductor, REST APIs, React, React Native
Data and Infrastructure: PostgreSQL, DynamoDB, Redis, Apache Kafka, AWS, Docker, SignalFX
Fundamentals: Data Structures and Algorithms, Object-Oriented Programming, Workflow Orchestration

Education

National Institute of Technology, Jamshedpur 2020 – 2024
BTech, Electrical Engineering | CGPA: 8.06

Achievements

- **LeetCode Knight (1800+)**; ranked **534** out of **20,000+ participants** in Biweekly Contest 104.
- **Codeforces Specialist (max: 1550+)**; solved **500+ problems**. Ranked **1036**, **1066**, and **1503** in Round 762 (Div. 3), Round 793 (Div. 2), and Educational Round 129, respectively (**20,000+ participants each**).