

SHUBHAM KUMAR

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Education

National Institute of Technology, Jamshedpur
BTech in Electrical Engineering

Dec 2020 – Jul 2024
CGPA: 8.06

Experience

Atlassian

Software Engineer II

Jan 2025 – Present
Bengaluru, India

- Designed and implemented support for parallel task execution in automation workflows, enabling automation steps to run simultaneously and reducing workflow completion time by **50%**.
- Improved **HTTP error classification and retry handling** across Java and Kotlin services, reducing workflow failures caused by temporary service outages by **3-4%**.
- Designed and Implemented **conditional branching functionality in automation workflows**, integrating condition-evaluation APIs with task handlers to select and execute the matching branch based on runtime data.
- Implemented **customer-data migration across 16 database tables**, with checksum validation and rollback safeguards, supporting **83K successful migration workflows** across multiple AWS regions.
- Implemented **rule snapshots across orchestration services**, allowing long-running automation workflows to continue using their original configuration instead of being aborted when customers edited a rule.
- Extended the **Java backend and React rule builder** to support third-party triggers, allowing customers to configure automation workflows that start when events occur in connected apps.
- Proposed and built **bulk service-limit management tooling**, enabling support engineers to update limits across thousands of customer accounts in a single request during incidents, reducing recovery time by up to **50%**.

Flipkart

Software Development Engineer I

Jul 2024 – Jan 2025
Bengaluru, India

- Integrated tobacco products into the **Flipkart Minutes** app UI, extending product support in Flipkart's quick-commerce platform.
- Implemented a location preset feature at app launch in the Flipkart Minutes Android app, improving the user experience and street-level location accuracy.
- Resolved critical bugs in the checkout flow from the cart page to the payments page, ensuring a smoother shopping experience.
- Migrated native Android/iOS modules to **React Native**, improving cross-platform compatibility and reducing development overhead.

Atlassian

Software Engineer Intern (Winter)

Jan 2024 – Jun 2024
Bengaluru, India

- Created APIs for **Lithium**, Atlassian's Unified Data Portability Platform, to create and update workplans describing the data to be migrated.
- Built **Lithium Lens** from scratch, a frontend for monitoring, creating, updating, and deleting migration workplans through the workplan APIs.
- Created **SignalFX** dashboards for real-time service monitoring and alert detectors to flag unexpected service behavior.

Atlassian

Software Engineer Intern (Summer)

Jun 2023 – Jul 2023
Bengaluru, India

- Built a peer-feedback feature for the team's internal **Slack bot**, automatically pairing teammates, creating conversation threads, and sending weekly reminders to exchange feedback.
- Built the frontend for an **Ad-Hoc Upgrade Task Observability Dashboard** and supporting Jira APIs using **QueryDSL**, simplifying how engineers find and track upgrade task status.

Skills

Languages: Java, Kotlin, JavaScript/TypeScript, C/C++

Frameworks: Spring Boot, Netflix Conductor, React, React Native, Next.js, Node.js, Express.js

Data & Infrastructure: PostgreSQL, SQL, Redis, MongoDB, Apache Kafka, Docker, Terraform, AWS

Fundamentals: Data Structures & Algorithms, OOP, Operating Systems, DBMS, Networks, Low-Level Design