

# Akash Chhabra

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## WORK EXPERIENCE

**Atlassian** Sept 2025-Present

*Software Engineer 2 - Backend*

- Building an AI/LLM-driven retrieval and recommendation pipeline over an existing Knowledge Base dataset, using OpenSearch/Turbopuffer-backed indexing for efficient semantic retrieval.
- Integrating performance recommendations into Jira System Admin Hub, enabling admins to resolve degradation issues without raising support tickets.
- Led upgradation of the Asset Discovery app from .NET Framework 4.7.2 to .NET 10, transitioning from Windows-only to cross-platform support and improving maintainability.
- Reduced CI/build time by ~60% (≈50 → 20 minutes) through parallelization and removal of inefficient blocking logic, improving developer velocity and release reliability.

**Gojek Tech** Aug 2022 – Sept 2025

*Software Engineer 2 - Backend*

*Bengaluru, KA*

- Built a highly performant, feature-loaded, and reliable promotions engine for 15M+ daily transactions.
- Implemented sharding of the Order Management Service, a core component handling 80K requests per minute, to improve performance and scalability.
- Built a robust Subscription Engine from scratch to enable scheduled recurring payments and programs, allowing flexible scheduling of deductions at user/driver levels.
- Managed an urgent wallet migration project within a week due to compliance requirements from the Bank of Indonesia (BI), ensuring a seamless transition for 3 million drivers without disrupting the service.
- Designed a cashback revert mechanism for the refunds process, resulting in annual cost savings of nearly 1 million dollars.
- Led the development of a Workflow Management Tool that streamlined developer/tester workflows, saving significant time and winning a company-wide hackathon.

**Oracle** Jan 2022 - July 2022

*Software Developer Intern*

*Bengaluru, KA*

- Worked with the Session border controller to secure VoIP calls.
- Developed a B2B Automation Test Suite using Robot Framework and Python.
- Created libraries to simplify testing for the Q/A Team.

**Breakout** Oct 2021 - July 2022

*Backend Developer*

*Bengaluru, KA*

- Worked on creating a workflow builder tool, automating processes.
- Managed cron jobs, created schedulers, and implemented RabbitMQ for efficient message queuing.
- Fine tuned MongoDB queries with eventual consistency and added indexes for improved performance.
- Integrated APIs such as Slack, Google Docs, Calendar, and Drive into the builder.

## EDUCATION

**Dr. B.R. Ambedkar National Institute Of Technology** Aug 2018 - Aug 2022

*B.Tech, Electronics and Communication Engineering - CGPA 8.0*

*Jalandhar, PB*

## SKILLS

- **Backend:** Java, Clojure, Node.js, Golang, Microservices, Distributed Systems.
- **Data:** Postgresql, Kafka, MongoDB, Redis.
- **Deployment:** Kubernetes, Docker, AWS.

## ACHIEVEMENTS

- Won a Gojek company-wide hackathon by developing a Workflow Management Tool that streamlined developer and tester workflows, reduced task completion times by an average of 2 hours per week.
- Identified and leveraged a critical vulnerability in HackerEarth, gaining access to the internal S3 bucket and PII information.
- Developed "Bug Hunting Colab", a project that assisted over 2,000 bug bounty hunters and received 200+ stars on GitHub.