

PULKIT KEJRIWAL

Bengaluru, India

+91-7903896633

pulkit1411@gmail.com

linkedin.com/in/pk1411

pulkitkejriwal.in

SUMMARY

Software Engineer-2 at Atlassian serving **100M+ users**, with 3.5 years building distributed systems, agentic AI pipelines, and product enhancements. Shipped an **LLM-powered DB query engine** for data access democratisation, an **AI developer productivity platform** exposing telemetry to engineering leadership, and **multiple Jira features** across enterprise accounts.

EXPERIENCE

Atlassian | *Intern* → *SWE* → *SWE-2*

Jan 2023 – Present

Software Engineer-2, Developer Observability (Dec 2025 – Present)

Bengaluru, India

- Designed a **two-stage agentic query engine** for heterogeneous production databases: a first LLM call performs **semantic table selection** and generates a structured **Intermediate Representation** executed via a **deterministic IIR→Cube transform** — ensuring no raw SQL exposure — followed by a second LLM call that **generates analysis code and selects visualizations** to render insights. Validated by Head of Engineering; nominated for **internal patent review**.
- Contributed to an **AI developer productivity platform**: integrated multiple AI tools (**Codex, Claude, etc.**) into the OTel collector layer, proposed a **bloom filter** to bypass string matching on session data transforms, built the **hourly Airflow DAG** for per-PR AI usage aggregation, and extended the **GraphQL serving layer** to expose developer AI usage telemetry to engineering leadership.
- Built an **automated incident triage pipeline**: on-call engineer provides a Playwright script of the failing flow; the tool **binary searches across 500 deployments** by replaying the script to isolate the culprit deployment, then an **LLM ranks the resulting 50 commits** to surface **4 high-risk candidates** — cutting triage time by **85%**.
- Engineered a diagnostic tool comparing healthy vs. degraded feature flag configurations across live instances, achieving **98% noise reduction** on unprotected flag changes. Recognized as **ShipIt India Winner**.

Software Engineer-2, Jira Cloud (July 2024 – Dec 2025)

Bengaluru, India

- Analysed **100+ alerts** and redesigned **org-wide monitoring** using **sliding window detection and incremental alerting** to deduplicate redundant signals; cut **Time-to-Detect from 4+ hours to under 30 minutes**, raised detection probability from **10% to 33%**, and eliminated **70%** of noisy alerts.
- Led **AI-powered field pre-filling for Jira issue creation**, enabling **any AI agent** to interact with the Jira issue creation modal; worked cross-functionally with Product, Design, and third-party consumers to migrate enterprise customers to the modern stack.
- Served as feature lead for the **Teamwork Collection preview panel** — a flagship initiative unifying first- and third-party Atlassian products into a single surface across **100M+ users**.

Software Engineer, Jira Cloud (July 2023 – July 2024)

Bengaluru, India

- Migrated Jira's issue creation and transition interfaces from **JSP to React and GraphQL**, improving performance by **57%** and unblocking enterprise migrations to Jira Cloud; developed **GraphQL field data fetchers** and reusable components powering features across **22M+ daily users** via **10+ integrations**.
- Mentored **3 winter interns** across technical and professional development; all three received **pre-placement offers**.

EDUCATION

Birla Institute of Technology, Mesra

July 2019 – May 2023

B.Tech in Computer Science and Engineering — CGPA: 8.58 / 10

Ranchi, India

SKILLS

Languages: C++, JavaScript (ES6+), Kotlin, Python, Go

AI & ML: LLM-Agnostic Architecture, Retrieval-Augmented Generation, Agentic Pipelines

Data & Streaming: Kafka, Flink (Stateful Streams), Airflow, Databricks, StarRocks, Amplitude

Backend & Systems: Distributed Systems, GraphQL/Relay, REST APIs, OpenTelemetry, Terraform

Frontend & Observability: React, Datadog/SignalFx, Feature Flag Systems