

Pravesh Choudhary

MID-SENIOR BACKEND & DISTRIBUTED SYSTEMS ENGINEER

Member of Technical Staff | 3+ years of full-time engineering experience | IIT Roorkee

Jaipur, India
praveshmails@gmail.com
linkedin.com/in/praveshchoudhary
praveshchoudhary.in

Backend engineer building high-throughput, reliable platforms across MCP, OAuth, agentic surfaces, loyalty systems, cloud infrastructure, and event-driven architectures serving millions of users.

EXPERIENCE

Member of Technical Staff | [Interpret](#) | Mar 2026 - Present

- Owned the MCP server, OAuth flow, and tool architecture end to end; rearchitected it for Claude, ChatGPT, and other MCP-compatible hosts, serving **40-50% of traffic at 99% availability**.
- Analyzed adoption and user-behavior signals and contributed to evaluations for MCP reliability and tool quality.
- Designed and owned a credit-management service for agentic surfaces handling **100M+ requests/day** with **zero failures** and **100% uptime**.

Software Development Engineer II | [Dream11](#) | Sep 2024 - Mar 2026 | [Letter](#)

- Maintained **100% uptime** for loyalty services serving **16M+** concurrent users during WPL and IPL 2025.
- Architected Rewards Shop for **2.1M+ RPM** and **35K+ RPM** order processing; supported account services at **12M+ RPM**.
- Reduced order API p95 latency from **500 ms to 200 ms**, a **60% reduction**.
- Cut daily storage spend from **\$256 to \$40** using AWS Glue and S3 Glacier, an **84% reduction**.
- Built account services powering Dreambucks' virtual currency for the watch-along experience at **12M+ RPM**.
- Owned end-to-end Dreambucks purchase fulfillment across Google Play and the Apple App Store, processing **100K+ orders monthly** and building reconciliation workflows to identify, recover, and resolve transaction discrepancies.

Software Development Engineer | [Jaguar Land Rover](#) | Jul 2023 - Sep 2024 | [Certificate](#)

- Built testable C++ vehicle-communication applications using OOP and SDLC practices.
- Reduced execution time by **80%** and memory usage by **60%**; led delivery and automated CI/CD testing using Git, Shell, and Linux.

SELECTED SYSTEMS

- **Rewards Orchestrator:** Scaled Dreamcoin flows to **8M+ users**, delivered a **1.3% earnings uplift**, and achieved p95 latency of **2 ms / 50 ms**.
- **Levels Service:** Processed **20M+ events per round**, resolved deadlocks, and reduced acceptance-test runtime by **65%**.

EARLIER EXPERIENCE

- **Plotline** - Software Developer Intern | Feb-Jun 2023 | Android and iOS SDK features for Jar and Khatabook | [Certificate](#)
- **Renfed** - Backend Developer Intern | Dec 2022-Jan 2023 | MERN APIs for a farmer social platform | [Certificate](#)
- **CityMall** - SDE Intern | Feb-Aug 2022 | Production Android features for 25K+ active leaders | [Certificate](#)
- **ProCivill** - Software Developer Intern | Nov 2020-Jan 2021 | Shipped Android MVP for site deployment | [Certificate](#)

EDUCATION

B.Tech. Mechanical Engineering

Indian Institute of Technology, Roorkee
CGPA 8.348 | 2019-2023

TECHNICAL SKILLS

Languages

Java, C++, JavaScript, SQL

Backend

Vert.x, REST APIs, GraphQL, MCP, OAuth

Systems

Kafka, Redis, distributed systems, HLD, performance engineering

Cloud

AWS, S3, Glue, Glacier, ElastiCache, Aurora MySQL, DynamoDB

Delivery

Git, GitHub Actions, CI/CD, Linux, Jira, Confluence

HIGHLIGHTS

- Exceptional Recognition Award at Jaguar Land Rover, Aug 2024.
- Codeforces Expert; peak rating **1642** (handle: tyupsu).
- Global rank **531** in Educational Codeforces Round 133.
- Second runner-up, Productathon by E-Cell; Rs. 20,000 prize.
- Overall Bronze, Inter-IIT Cultural Meet 2019.

FOCUS

Backend engineering, distributed systems, agentic infrastructure, API performance, event-driven architecture, and production reliability.