Ritik Rajdev

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SUMMARY

Software Engineer with 3+ years operating and scaling production backend services handling real user traffic and release-critical workflows. Experienced in reliability engineering, incident response, data migrations, and platform integrations across 5K+ repositories and 9K+ contributors. Strong focus on operational correctness, observability, and safe rollout strategies using Go, TypeScript, cloud infrastructure and CI/CD systems.

EXPERIENCE

HashiCorp, an IBM Company — Remote/India
Software Engineer — *May 2025 – Current*

- **Production Service Ownership**: Owned CLA-Assistant, a merge-blocking authorization service used across **5K+ repositories and 9K+ contributors** handling **10K+ weekly requests**; handled on-call incidents, failures and latency spikes using Datadog metrics and logs.
- **Incident Response**: Debugged production outages blocking pull requests, implemented mitigations and wrote RCAs improving operational stability.
- **Zero-Downtime Migration**: Executed major database upgrade with rollback strategy and validation checks, reducing AWS DocumentDB cost by **50%**.
- **Throughput Optimization**: Optimized org-wide compliance checks from **21 hours to 4 hours** via concurrency control, batching and GitHub API rate-limit handling.
- **Operational Automation**: Built admin tooling to safely unblock contributors and manage exceptions at scale; introduced alerts and monitoring dashboards.
- **Integrations**: Integrated GitHub identity verification with internal systems to enforce contributor agreements automatically.
- **Infra & Security**: Operated services on Nomad + EC2 with Route53, Vault and AWS KMS using Terraform.
- **Open Source**: Maintainer of go-getter (1.8K+ stars) used for fetching artifacts in production systems.
- **Techstack**: Go, Python, AWS, Terraform, Datadog, APIs

McKinsey & Company — Bangalore
Junior Software Engineer — *Jan 2024 – Apr 2025*

- **Scalable Applications**: Built production applications serving clients across **17 countries** with performance and reliability focus.
- **Reliability**: Reduced bug reports by **20%** through automated testing, monitoring and improved onboarding flows.
- **Automation**: Developed GenAI design-to-code tooling reducing manual effort by **50%**.
- **Architecture**: Worked across frontend, backend APIs and infra provisioning in cloud environments.
- **Techstack**: React Native, Next.js, FastAPI, MongoDB, Azure, Terraform, Datadog

Timestream Technologies Pvt. Ltd. — Noida
Software Engineer — *Jul 2023 – Nov 2023*

- **High Traffic Systems**: Built real-time supply-chain platform used by **500+ pharmacies**.
- **Performance**: Optimized search latency from **4s to 200ms** across **300K+ products**.
- **Backend Services**: Designed APIs and data models ensuring reliability and data consistency.
- **Techstack**: Node.js, Express, MySQL, Elasticsearch

McKinsey & Company — Bangalore
Software Engineer Intern — *Jan 2023 – Jul 2023*

- **Platform Engineering**: Built Figma-to-code platform reducing POC time by **80%**.
- **Developer Tooling**: Implemented rule-based linters and integrations improving developer productivity.
- **Training**: Recognized among the **top 5%** performers during internship.
- **Techstack**: React, Node.js, TypeScript, PostgreSQL, Docker, AWS

EDUCATION

Thapar Institute of Engineering and Technology — Patiala, India
BE - Computer Science & Engineering; CGPA: 8.96 — *2019 – 2023*

SKILLS

- **Languages**: Go, Python, JavaScript, TypeScript, SQL, Bash
- **Backend**: API Design, Service Architecture, Distributed Systems, Integrations
- **Cloud**: AWS, Terraform, CI/CD, Observability, Automation
- **Databases**: PostgreSQL, MySQL, MongoDB, Elasticsearch
- **Expertise**: Scalable Systems, Reliability, Debugging, Monitoring, Security, Compliance