

Naman Gupta

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Summary

Software Engineer with 5+ years of experience building and scaling distributed systems. Interested in infrastructure and backend systems, currently managing infrastructure spanning 1200+ vCPUs. Passionate about solving complex infrastructure challenges using software development, Kubernetes, AWS and modern DevOps practices.

Experience

Software Engineer 3, Telus Digital (Playment acq. by Telus Digital) – Bengaluru, India Jan 2023 – Present

- Implemented structured monitoring and alerting system that consolidated alerts from multiple sources, decreased MTTR from hours/weeks to minutes through intelligent routing and severity-based escalation paths
- Led company-wide migration from AWS IAM to SSO for 150+ employees, reduced ops overhead by **developing an automated utility** that decreased user onboarding time and eliminated manual permission management
- Implemented APIs for custom-trained LLMs for inference serving
- Developed LLM benchmarking tool with custom metrics, significantly enhancing model evaluation capabilities
- Pioneered **one-click serverless model deployments**, dramatically reducing experimentation time and improving developer productivity

Software Engineer 2, Playment – Bengaluru, India Jan 2021 – Dec 2022

- Built & setup the internal data curation and exploration platform allowing data scientists better understand data
- Introduced 1-click ML inference deployments for quick experimentation increasing developer velocity.
- Improved the reliability of message broker by moving from a single instance to three-node HA cluster without downtime

Software Engineer 1, Playment – Bengaluru, India Aug 2019 – Dec 2020

- Increased the performance of the crowdsourcing engine **reducing load times by 800% in some cases** down from 2.4s to 300ms
- Designed and launched the single sign-on system for Playment suite of applications serving all retail and enterprise customers
- Created and launched a queue workload distribution system for managing, distributing and throttling workloads across multiple customers and projects.

Education

Bharati Vidyapeeth's College of Engineering, B.Tech in Computer Science Aug 2015 – Mar 2019

Projects

Watchflix watchflix.group

- Watchflix synchronizes video playback and adds group text and voice chat to your favourite shows allowing you to watch together with. Over 5000 users on the chrome store.

Skills

Languages: Golang, Python, SQL, JavaScript

Technologies: Kubernetes, Linux, Docker, AWS, React, PostgreSQL, Terraform, Prometheus, Grafana, Redis, CI/CD

Practices: Incident Management, Oncall Response, Capacity Planning