

SAHIL GUPTA

Backend Software Developer

+91 9527420466 | guptasahil670@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

SUMMARY

Software Engineer with 2.5+ years building backend services, REST APIs, and data pipelines in Java, Spring Boot, Go and Python at Jio Platforms. Experienced in SQL/NoSQL query design and optimization, automation tooling, and full-stack development, with a track record of measurable performance improvements and cross-functional delivery, recognized by a Star Performer award.

SKILLS

Languages	Java, Go, Python, JavaScript, C/C++
Frameworks & Tools	Spring Boot, Django, REST APIs, Kafka, RabbitMQ, Perses, JUnit, Mockito, Git
Databases & Search	Oracle DB, MySQL, Redis, Elasticsearch

EXPERIENCE

Software Development Engineer I Jio Platforms Limited	Dec 2023 - Present <i>Navi Mumbai</i>
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- Built backend microservices and data pipelines (Spring Boot, Redis, Elasticsearch) powering the DRaaS Observability, DR Governance, Data Resiliency platforms and Custom Dashboard platforms, supporting 10+ internal systems/teams.
- Profiled and optimized REST API endpoints across DRaaS Observability, DR Governance, Data Resiliency and Custom Dashboard services, cutting latency by 30-40% through query tuning and caching improvements.
- Wrote and validated SQL and NoSQL queries (Oracle DB, MySQL, Elasticsearch) across multiple data sources, reducing report generation time from 1000ms to 250ms (75% faster) and improving backend throughput.
- Contributed to the Perses observability platform by developing Elasticsearch and Quickwit datasource plugins in Go (Golang), enabling seamless integration of multiple data sources into configurable monitoring dashboards.
- Supported functional and integration testing (JUnit, Mockito) ahead of production releases, increasing test coverage up to 80% and reducing regression defects caught in UAT by roughly 25%.
- Coordinated with cross-functional and distributed teams on code reviews, deployment planning and defect resolution, cutting deployment-related production incidents by 40% per quarter.

Web Developer Intern Software Complete Solution Tech	Jun 2019 - Jul 2019 <i>Kalyan</i>
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- Built responsive client websites (JavaScript, PHP, MySQL), including globalinfragroup.com and tripyatri.in

PROJECTS

IceAndSpice - Restaurant Website : Python, Django, MySQL — Built a full-stack web app (Python/Django) with user authentication and an admin dashboard providing real-time visibility into orders, inventory, and user activity for operational decision-making. ([Live Demo](#)) ([GitHub Link](#))

Content & Market Data Aggregator : Python, Django, RSS, NSE API — Built a Django web app that aggregates news via RSS feed parsing and live equity market data via the NSE API, consolidating multiple external data sources into a single dashboard. ([Live Demo](#)) ([GitHub Link](#))

EDUCATION

B.Tech. in Computer Engineering , Pillai College of Engineering, New Panvel — Grade: 9.38 CGPA	Feb 2021 - May 2023
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Diploma in Computer Engineering , Vidya Prasarak Mandal's Polytechnic, Thane — Grade: 90.86 %	Aug 2017 - Nov 2020
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