

# Sunit Ranjan Poddar

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## SUMMARY

**Senior Software Engineer** with 8+ years of experience building and scaling high-performance backend systems in **Go** and **Python**. Expert in designing **resilient microservices architectures**, optimizing system performance, and driving **measurable cost reductions**. Proven track record of **leading cross-functional initiatives** and mentoring engineers to enhance team productivity. Passionate about leveraging **technical leadership** to deliver **innovative, business-critical solutions at scale**.

## SKILLS

**Languages & Frameworks:** Go, Python, Django, Node.js, Java, Android

**Databases:** MySQL, PostgreSQL, BigQuery, MongoDB, Redis, Elasticsearch

**Tools & Platforms:** Jenkins, Docker, Grafana, Datadog, Kafka, Redis Enterprise, Google Cloud Platform, JIRA, Retool

**Leadership & Management:** Team leadership, mentoring, technical performance optimization, code reviews, cross-functional collaboration

## EXPERIENCE

### Senior Software Engineer II

Relyance AI

August 2025 - Present, Bengaluru

- Built an **automation framework** to prefill security assessment data in **10+ assessment formats**, cutting client completion time by **~25%** and boosting top-of-funnel conversion.

### Senior Software Engineer

Apna.co

October 2020 - August 2025, Bengaluru

- Achieved **50% cost savings** and **15% growth** in **conversion metrics** by leading efforts on Elasticsearch optimizations in document restructuring, data-types and query optimizations.
- Built a **location-powered job search** enabling **2M+ daily searches** with user configurable proximities and eligibility criteria.
- Increased **user engagement by 20%** by building user feed frameworks for real-time product customizations serving 300K daily active users.
- Reduced **system outage by 99% to under 10 seconds** by architecting and implementing a circuit breaker for distributed pods with multiple workers.
- Cut **BigQuery costs by 80%** through re-implemented queries, caching and asynchronous processing strategies.
- Boosted efficiency and **user engagement by 40%** by developing an event-driven microservice using Kafka to automate user post creation.
- Mentored junior engineers with guidelines, problem approach discussions and code reviews, resulting in improved code quality and team productivity.

### Software Engineer II

Jio Haptik

December 2019 - September 2020, Mumbai

- Improved **system reliability by 25%** by building an asynchronous communication mechanism between multiple servers via HTTP calls.
- Developed utility tools for engineers and analysts via a dashboard, reducing **task execution time by 30%**.
- Enabled seamless data exchange for **10+ clients** by integrating client systems with Haptik using REST APIs.
- Mentored junior developers through code reviews and approach discussions, improving code quality and team productivity.

### Backend Engineer

Ithaka Travel

June 2018 - November 2019, Mumbai

- Increased **transaction volume by 35%** by designing and implementing an e-commerce microservice that enables users to checkout and buy activities directly through the inventory.
- Designed and implemented an **Automated Payment Allocation System** with user notifications via MQTT, WebSockets, and Firebase, improving **payment processing speed by 40%**.
- Built an **Analytics microservice** to gather data from multiple services periodically using Celery Beat, accessible via a dashboard, reducing **reporting time by 50%**.
- Achieved **4x faster country launches** by implementing tools to scale operations from 3 to 7 countries.

### Android Engineer

Mobibook Technologies Pvt Ltd

March 2017 - May 2018, Pune

- Developed a media e-commerce application with real-time video editing and runtime media decryption, supporting **1,000+ active users** and reducing **average content processing time by 40%**.
- Built a chat application using MQTT with end-to-end encryption, enabling **secure real-time messaging** with latency under **200ms** and handling **10,000+ concurrent messages daily**.
- Maintained a **crash-free rate of >98%**, ensuring high system reliability and user satisfaction.

## EDUCATION

### Bachelor of Engineering in Computer Science

Pune University (SPPU) • Pune • 2016