

# Priya Sharma

Senior Backend Engineer | Python · Go · PostgreSQL · AWS

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## PROFILE

Backend engineer with 6+ years building high-throughput payment and ordering systems in Python and Go. I own services end to end – design, PostgreSQL, AWS, Kubernetes and on-call. Looking for a senior backend role in Germany. I hold an Indian passport and would need **EU Blue Card sponsorship** (IT is a recognised shortage occupation).

## PROFESSIONAL EXPERIENCE

### Senior Backend Engineer

03/2022 – present

Razorpay · Bengaluru, India

- Own the payment-links and subscriptions APIs (Python/FastAPI, Go) serving ~4,000 requests/second at peak with 99.98% availability.
- Led migration of a Django monolith module into three Go microservices – cut p99 latency from 480 ms to 120 ms and roughly halved infra cost for that path.
- Designed an idempotent webhook-delivery system (PostgreSQL + Redis, at-least-once) processing 20M+ events/day.
- Mentor two junior engineers; own the team's on-call runbook and post-incident reviews.

### Backend Engineer

07/2019 – 02/2022

Swiggy · Bengaluru, India

- Built order-orchestration services (Python, Kafka) for a platform handling millions of daily orders.
- Tuned PostgreSQL queries and indexing, cutting a core endpoint's database time by ~60%.
- Added structured logging and Grafana dashboards, reducing mean time-to-detect for order failures.

## EDUCATION

### B.Tech, Computer Science & Engineering

08/2015 – 05/2019

College of Engineering, Pune (COEP)

Final grade: 8.6/10 CGPA (approx. German grade 1.5).

## SKILLS & TECHNOLOGIES

|                 |                                                       |
|-----------------|-------------------------------------------------------|
| Languages       | Python, Go, SQL, Java (basics)                        |
| Frameworks      | FastAPI, Django, gRPC, Flask                          |
| Databases       | PostgreSQL, Redis, DynamoDB                           |
| Cloud & Infra   | AWS (ECS, Lambda, RDS), Docker, Kubernetes, Terraform |
| Tools & Methods | Git, CI/CD (GitHub Actions), Kafka, REST, TDD, Scrum  |

## LANGUAGES

|         |                                  |
|---------|----------------------------------|
| English | C1 – IELTS 7.5                   |
| Hindi   | Native                           |
| Marathi | Native                           |
| German  | A2 (learning; Goethe A2 planned) |

References available on request.