PRIYA NAIR

Backend Software Engineer

priya.nair@example.com | +91 98450 12345 | Bengaluru, Karnataka
linkedin.com/in/priya-nair | github.com/priyanair

PROFESSIONAL SUMMARY

Backend engineer with 4 years of experience building payment and order APIs in Java and Python for products with millions of users. Cut checkout latency by 38% at a fintech serving 2 million people. Looking for a senior backend role on a product team that ships often.

WORK EXPERIENCE

Software Engineer II Jul 2023 to Present
PayBridge, Bengaluru

- Rebuilt the payment status service in Java and Spring Boot, cutting p95 latency from 820 ms to 510 ms for 2 million monthly users.
- Led the move of 14 cron jobs to Kafka consumers, ending the nightly batch failures that delayed settlements.
- Designed idempotent retry handling for UPI callbacks, which brought duplicate refunds down to zero.
- Mentor 3 junior engineers and run the team's weekly code review rota.

Software Engineer Aug 2021 to Jun 2023
Cartwise, Bengaluru

- Built the order history API in Python and FastAPI, used by 400,000 monthly shoppers.
- Added PostgreSQL indexes and a Redis cache that halved database cost and page load time.
- Wrote the contract tests that caught 30+ breaking API changes before release.

EDUCATION

B.Tech, Computer Science and Engineering 2021
RV College of Engineering, VTU CGPA 8.6

PROJECTS

rate-limit-kit Go, open source
Small library for token-bucket rate limiting with Redis, used in 3 internal services.
github.com/priyanair/rate-limit-kit

SKILLS

Java · Python · Spring Boot · FastAPI · PostgreSQL · Kafka · Redis · AWS · Docker
REST APIs · System design

CERTIFICATIONS

- AWS Certified Developer, Associate, Amazon Web Services, 2024

LANGUAGES

English, Malayalam, Hindi, Kannada

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