Aditi Nair

Kochi, Kerala | aditi.nair@example.com

Professional Summary

Backend engineer with 4+ years building reliable data-intensive services in Python and Go. Designed horizontally scalable microservices and asynchronous workers. Strong AWS experience with ECS and RDS; advocate for observability-first development and documentation.

Professional Experience

Senior Backend Engineer – BlueBay Tech, Kochi (Mar 2022 – Present)
Hybrid

- Designed and shipped gRPC-based order processing service handling 15k req/min with 99.95% uptime.
- Introduced OpenTelemetry tracing and metrics; reduced mean time to recovery by 40%.
- Optimized PostgreSQL queries and added read replicas, cutting P95 latency from 480ms to 170ms.
- Led brown-bag sessions on Go concurrency and service reliability for a 7-person team.

Backend Engineer – Citrus Labs, Bengaluru (Aug 2020 – Feb 2022)
Remote

- Built event-driven email pipeline in Python (FastAPI + Celery + Redis) driving a 12% uplift in activation.
- Containerized apps with Docker and deployed via GitHub Actions to AWS ECS.
- Wrote integration tests and contract tests, improving deployment confidence and reducing rollbacks.

Education

B.E. in Information Science – RV College of Engineering, Bengaluru (2016 – 2020)
CGPA: 8.6/10

Technical Skills

Languages & Frameworks: Python, Go, FastAPI, gRPC
Cloud & Tools: AWS ECS, RDS, S3, Docker, Terraform, GitHub Actions, Grafana, Prometheus
Databases: PostgreSQL, MySQL, Redis
Practices: Microservices, Event-driven architecture, Observability, Testing (pytest)