

PRIYA SHARMA

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PROFESSIONAL SUMMARY

Backend engineer with 3+ years of experience building scalable REST APIs and microservices using Python. Strong expertise in Django, FastAPI, and PostgreSQL. Passionate about clean code, system design, and mentoring junior developers. Led migration of monolithic application to microservices, reducing deployment time by 70%.

WORK EXPERIENCE

Senior Backend Developer

TechScale Solutions | Mumbai | January 2022 - Present

- Architected and built REST APIs using FastAPI serving 50,000+ daily active users with 99.9% uptime
- Designed PostgreSQL database schemas and optimized queries, reducing average response time by 40%
- Implemented Redis caching layer that decreased database load by 60%
- Led team of 3 developers in rebuilding authentication service using OAuth 2.0 and JWT
- Set up CI/CD pipelines using GitHub Actions, reducing deployment time from 2 hours to 15 minutes
- Mentored 2 junior developers through code reviews and pair programming sessions

Backend Developer

WebCraft Technologies | Pune | June 2020 - December 2021

- Built RESTful APIs using Django REST Framework for e-commerce platform
- Integrated third-party payment gateways (Razorpay, Stripe) handling 10L+ daily transactions
- Developed automated testing suite with pytest achieving 85% code coverage
- Collaborated with frontend team to design API contracts and documentation using Swagger

Software Engineering Intern

StartupHub | Bangalore | January 2020 - May 2020

- Developed Python scripts for data migration between legacy and new systems
- Assisted in API development and unit testing

EDUCATION

Bachelor of Technology in Computer Science

Indian Institute of Technology, Bombay | 2016 - 2020 | CGPA: 8.7/10

TECHNICAL SKILLS

Languages: Python (Expert), SQL, JavaScript (Basic), Bash

Frameworks: Django, Django REST Framework, FastAPI, Flask, Celery

Databases: PostgreSQL, MySQL, Redis, MongoDB (Basic)

Tools & Platforms: Docker, Git, GitHub Actions, AWS (EC2, S3, RDS), Linux

Practices: REST API Design, Microservices, TDD, Agile/Scrum

CERTIFICATIONS

- AWS Certified Solutions Architect - Associate (2023)
- Python Professional Certificate - Coursera (2021)