Tejas Tathe

Python Developer

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PROFESSIONAL SUMMARY

Backend Software Developer with 3 years of hands-on experience building scalable, high-performance web applications using Python. Proven expertise in RESTful API development, database-driven systems using MySQL, and application performance optimization. Experienced in delivering production-ready backend solutions while collaborating effectively with cross-functional teams.

PROFESSIONAL EXPERIENCE

EPPS Infotech Limited
Python Developer — Pune, Maharashtra, India
Aug 2025 – Present

- Developed and maintained secure backend modules for the Indian Navy ERP, actively used by 3,000+ users, implementing JWT-based authentication, authorization, and role-based access control (RBAC).
- Designed and optimized REST APIs using FastAPI, improving response times by 40% through query optimization and database indexing.
- Integrated FastAPI backend services with Angular frontends, ensuring secure and efficient cross-platform communication.
- Automated recurring backend operations using asynchronous programming, background tasks, WebSockets, and task schedulers / Cron jobs, reducing manual effort by 30%.
- Ensured system reliability, performance tuning, secure data handling, and enforced API-level access control in production environments.
- Collaborated on machine learning–based systems (bank fraud detection and taxi tip prediction), contributing to data preprocessing, feature engineering, and backend integration of ML outputs.

A2Z IT HUB PVT LTD
Junior Software Developer — Ahilyanagar, Maharashtra, India
Jun 2023 – Aug 2025

- Built RESTful APIs for Co-operative Bank Automation Systems, reducing manual data entry time by 60%.
- Developed a Voice Recognition System for the Indian Army, achieving 90%+ accuracy using Python-based signal processing techniques.
- Created a secure E-commerce system with payment gateway integration and real-time order tracking.
- Delivered an Animal Monitoring Application for municipalities, reducing record errors by 70% through validation and automation.
- Refactored legacy ERP modules to enhance backend stability, scalability, and performance.
- Mentored interns on API development, database structuring, and debugging, improving overall team productivity.
- Developed an automated backend code generation utility that accepts a database table name as input and generates a fully structured API module (models, schemas, routers, services, and transformers), reducing boilerplate coding and improving development speed and maintainability.

A2Z IT HUB PVT LTD
Software Developer Intern — Ahilyanagar, Maharashtra, India
Feb 2023 – Jun 2023

- Assisted senior developers in debugging and enhancing live production systems.
- Validated APIs, optimized SQL queries, and supported performance tuning initiatives.
- Documented backend workflows and contributed to internal technical documentation for new team members.

TECHNICAL SKILLS

- **Primary Skills**: Python, FastAPI, Django, Django REST Framework (DRF), Pandas, NumPy, PostgreSQL, MySQL, JavaScript, Angular.
- **Secondary Skills:** HTML, CSS, Bootstrap, TypeScript, React.
- **Additional Skills:** Celery, Redis, Kafka, MongoDB, SQLite, Docker, Kubernetes (Basics), AWS, Azure, CI/CD Pipelines, Microservices, Git, GitHub, GitLab, Agile/Scrum, Jira, Unit Testing, API Testing, Postman, Swagger / OpenAPI.

EDUCATION

MASTER OF COMPUTER APPLICATIONS (MCA)
Savitribai Phule Pune University | 2023 – 2025 | CGPA: 8.01
Completed alongside full-time professional work, integrating academic learning with real-world software development experience.

BACHELOR OF SCIENCE IN COMPUTER SCIENCE (B.SC. COMP. SCI.)
Savitribai Phule Pune University | 2020 – 2023 | CGPA: 8.64
Graduated with strong foundational knowledge in programming, data structures, and algorithms.

CERTIFICATES

- Python Basic to advance (Udemy)
- Introduction to Git version control (Simplilearn)
- Introduction to Generative AI (Upgrad)
- Master AI Ethics, Business Ethics (Udemy)
- Advanced Database and SQL Querying (Udemy)