

Tejas Tathe

Python Developer

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PROFESSIONAL SUMMARY

Backend Software Developer with 2.5+ 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 PVT LTD

Python Developer — Pune, Maharashtra, India

Aug 2025 – Present

- Developed and maintained backend modules for Indian Navy ERP, actively used by 3,000+ users.
- Designed and optimized REST APIs using FastAPI, improving response times by 40% through query optimization and indexing.
- Integrated FastAPI backend services with Angular frontends for seamless cross-platform functionality.
- Automated recurring backend operations using task schedulers, websockets and background tasks, reducing manual effort by 30%.
- Ensured system reliability, performance tuning, and secure data handling in production environments.
- Worked alongside on machine learning-based projects, like a bank fraud detection system and a taxi tip predictor, 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

- **Programming & Backend Development:** Python, Django, FastAPI, RESTful APIs, Microservices, Asynchronous Programming, Background Tasks, Pandas, NumPy.
- **Databases, ORM & Data Handling:** PostgreSQL, MySQL, MongoDB, Redis, Database Design, Query Optimization, Indexing, SQLAlchemy, Pydantic.
- **API, Security & Authentication:** JWT Authentication, Role-Based Access Control (RBAC), Authorization, Secure API Design.
- **Task Processing, Messaging & Real-Time Systems:** Celery, Redis, Kafka, Job Scheduling, WebSockets
- **Frontend:** HTML5, CSS3, Bootstrap, JavaScript, React, Angular, TypeScript, Ajax, JSON.
- **DevOps, Deployment & Infrastructure:** Docker, Containerization, Kubernetes, Application Deployment, Environment Configuration, CI/CD Pipelines, Log Management.
- **Testing, Debugging & Performance:** Unit Testing, API Testing, Postman, Swagger / OpenAPI, Debugging, Performance Tuning, Error Handling, Exception Management.
- **Version Control & Collaboration:** Git, GitHub, GitLab, Code Reviews, Agile/Scrum, Sprint Planning, Jira.

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)