



# PRATHAMESH BAVKAR

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## PROFESSIONAL SUMMARY

Results-driven Senior Software Developer with 4 years of experience specializing in Python and its vast ecosystem, including FastAPI, Django, Flask, NumPy, and Pandas. Expertise in building scalable microservices, API development, and database design using MongoDB, PostgreSQL, MySQL, and Redis. Proficient in cloud computing with AWS (EC2, S3, RDS, Lambda) and Linux/Ubuntu server management, ensuring high-performance and secure applications. Adept at optimizing system performance, conducting advanced debugging, and leading code reviews to drive efficient, maintainable software solutions.

## SKILLS

- Python
- Flask
- Javascript
- React Js
- API Development & Optimization
- Microservice design
- AWS (EC2, S3, RDS, Lambda)
- Fastapi
- Numpy
- MongoDB
- Redis
- Linux
- Database design
- Django
- Pandas
- PostgreSQL
- Advanced Debugging & Code Reviews
- Asynchronous Programming
- Full-stack development

## EXPERIENCE

Senior Software Developer

December 2021 - May 2025

Shipdelight Logistics Technology | Mumbai, India

- **Led a team of 2-3 developers** in designing, developing, and maintaining **multiple e-commerce brand tracking portals** for renowned brands like **Neeman's** and **Perfora**, enabling seamless order tracking, returns, and exchanges across **Shopify, WooCommerce, and Magento**.
- **Mentored and trained interns**, guiding them in **Python, FastAPI, Django, React.js, best coding practices, API integrations**, and scalable e-commerce system design.
- **Designed and implemented a robust wallet system**, integrated with e-commerce platforms to facilitate secure online transactions and order management.
- **Reduced query execution time from 5 min to 1 sec with Redis caching**, improving dashboard performance by 90%.
- Engineered **real-time order synchronization for Shopify, WooCommerce, and Magento**, leveraging FastAPI, Django, and **webhooks for automatic order status updates**, inventory tracking, and seamless fulfillment.
- **Integrated courier booking and tracking APIs** (Smarter, BlueDart, Ecom) to automate shipment assignment, tracking, and real-time status updates, ensuring efficient last-mile delivery.

- **Implemented communication APIs** (Gupshup, Fyno) for WhatsApp, email, and SMS, ensuring automated customer notifications, proactive support, and improved user engagement.
- **Led full-stack Razorpay payment integration**, utilizing Nuxt.js for frontend and FastAPI for backend, implementing webhooks for secure and automated payment processing.
- **Developed scalable microservices for e-commerce platforms**, ensuring high availability, fault tolerance, and seamless API interactions.
- Demonstrated **expertise in integrating diverse third-party APIs**, including authentication providers, payment gateways, logistics solutions, and e-commerce platforms (Shopify, WooCommerce, Magento).
- **Created indexes and optimized database queries**, improving query execution time and overall system performance.
- Developed an AI-powered insights dashboard using **NumPy, Pandas**, providing real-time business intelligence and predictive analytics for e-commerce platforms.
- Managed and deployed microservices architecture on **AWS, utilizing EC2, ECS, S3, Lambda, and RDS**, ensuring high availability, scalability, and secure cloud infrastructure.

Software engineer

Apr 2021 - December 2021

Edulab | Mumbai, India

- Developed and maintained web applications using **MongoDB, Express.js, Angular, and Node.js**.
- Designed and developed highly responsive web pages using modern web technologies such as HTML5, CSS3, and React JS.
- Collaborated with senior developers to implement **frontend components and enhance UI/UX**.
- Gained hands-on experience in **full-stack development**, debugging, and deployment.

## EDUCATION

Bachelor of Science (B.SC) - Information Technology

June 2021

SHETH L.U.J AND SIR M.V. COLLEGE, Mumbai

GPA: 7/10 CGPA

## CERTIFICATIONS

- Python AI Certification, Demonstrated proficiency in developing AI models and deep learning algorithms using Python.
- MongoDB Certification, Validated expertise in designing, implementing, and optimizing MongoDB databases.

## PROJECTS

Portfolio, Built a personal portfolio website using Node.js and React to showcase skills and projects. Smart Expense Tracker, AI-powered expense tracking system using Python, Django, NumPy, Pandas, and React for intelligent financial insights. Task Manager, A task management web app developed with Django for efficient task tracking and organization.