# Jayesh Devendra Patil

*Python Backend Developer | FastAPI | REST APIs | PostgreSQL | Docker | AI/LLM*

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## PROFILE

2026 Computer Engineering graduate focused on Python backend and AI application engineering. Built REST APIs and full-stack applications using Python, FastAPI, PostgreSQL/SQLite, React, Node.js, Docker and Git, with hands-on Google Gemini integration. Experienced in backend services, architecture, testing, debugging and production-style software development.

## EDUCATION

2022 – 2026

**B.Tech in Computer Engineering, Bapusaheb Deore College of Engineering, Dhule · Dhule**

- Affiliated to Dr. Babasaheb Ambedkar Technological University.
- Relevant coursework: Data Structures & Algorithms, Database Management Systems, Operating Systems, Computer Networks, Software Engineering, and Machine Learning.

## WORK EXPERIENCE

May 2026 – Jun 2026

**Full Stack Web Development Intern, Slash Mark IT Solutions (OPC) Pvt. Ltd.**

- Completed structured internship activities covering web application development and software development workflows.
- Developed practical understanding of frontend, backend, database, debugging, and problem-solving fundamentals.

## SELECTED PROJECTS

2026

**AI_Team — Autonomous Software-Engineering Orchestration Platform**

Python • LLMs • FastAPI • React • Docker • Git

- Built a CLI-first six-stage LLM pipeline that turns plain-language ideas into requirements, PRDs, specifications, architecture and task plans.
- Implemented sandboxed coding-agent adapters with Ruff/Pytest validation, retry/recovery, Git automation, human approval gates and REST/WebSocket observability.

2026

**HireFlow AI — Career Intelligence & Recruitment Platform**

Python • FastAPI • Streamlit • SQLite • Gemini • Docker

- Built an AI-powered career platform for resume parsing, ATS analysis, job matching, skill-gap analysis, job discovery and application tracking.
- Implemented FastAPI services, SQLite/SQLAlchemy persistence, Gemini parsing, weighted skill matching, PDF parsing, job aggregation, deduplication and reporting.

2026

**StartupValidator — AI Startup Validation Platform**

Next.js • TypeScript • FastAPI • Python • SQLite • Gemini

- Built an AI application evaluating startup ideas across market sizing, competitors, ICP, SWOT and landing-page positioning.
- Implemented Next.js/TypeScript + FastAPI, Pydantic/SQLModel, Gemini integration, REST endpoints and PDF/Markdown report generation.

2026 **Real-Time Chat Application**

React • Node.js • Express • Socket.io • SQLite • Vite

- Built a real-time messaging application with persistent SQLite storage, REST endpoints and Socket.io event broadcasting.
- Implemented message CRUD, client/server communication, responsive UI and real-time synchronization across connected clients.

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## SKILLS

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|---|---|
| Languages | Python • JavaScript/TypeScript • Java • SQL • Bash • C • HTML/CSS |
| Backend & APIs | FastAPI • Node.js • Express.js • RESTful APIs • WebSockets • Socket.io • Pydantic • SQLModel |
| Frontend | React • Next.js • Vite • Tailwind CSS |
| Databases | PostgreSQL • MySQL • SQLite • MongoDB |
| AI / ML | Google Gemini API • LLM API Integration • LangGraph • Scikit-Learn • Pandas • NumPy |
| Cloud / DevOps | Docker • Git • GitHub • Linux • Microsoft Azure Fundamentals • CI/CD |
| Engineering | Unit & Integration Testing • API Design • OOP • Data Structures & Algorithms • Debugging • Agile/Scrum |

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## CERTIFICATIONS & PROGRAMS

2025 **Microsoft Azure Fundamentals (AZ-900) — Microsoft**

2026 **Build REST APIs with FastAPI — LinkedIn Learning**

2026 **Python for Everybody — University of Michigan / Coursera**

2026 **Google AI Essentials Specialization — Google / Coursera**

2026 **Generative AI Certificate**

2026 **McKinsey Forward Program — McKinsey & Company**

2026 **Design Thinking: Understanding the Process**

2026 **Learning Git and GitHub**

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## LANGUAGES

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|---|---|---|---|
| English | Fluent | Marathi | Fluent |
| Hindi | Fluent | | |