

Prashant Sharma

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PROFESSIONAL SUMMARY

Python Backend Developer with hands-on experience building REST APIs using FastAPI and integrating MongoDB for data storage. Familiar with API development, CRUD operations, request validation using Pydantic, JSON data handling, HTTP methods, and exception handling. Comfortable with Python programming, database operations, Git, and Linux. Seeking opportunities to apply backend development skills and build reliable, maintainable server-side applications.

TECHNICAL SKILLS

Programming Languages: Python, C, C++

API & Integration: REST APIs, HTTP Methods, API Endpoints, CRUD Operations, Client-Server Communication, Request/Response Handling, JSON, API Validation, Error Handling

Backend Development: Python, FastAPI, Flask, Middleware, JWT Authentication, REST APIs

Databases: MongoDB, SQL, Database Queries, CRUD Operations

Web Technologies: HTML5, CSS3, Tailwind CSS

Tools & Platforms: Git, GitHub, Postman, VS Code, Linux, Bash, Shell Scripting

Core Concepts: OOP, DBMS, HTTP, API Integration, Debugging, Problem Solving

EXPERIENCE

Full Stack Engineer Intern – Jaipur Engineers

Apr 2026 – Jul 2026

Jaipur

- Developed and integrated backend services and REST APIs for real-world web applications.
- Built API endpoints for data retrieval, creation, updating, and deletion while handling request and response data.
- Worked with databases and backend logic to support reliable client-server communication.
- Used Git-based workflows for collaborative development and maintained structured project code.
- Debugged API, application, and integration issues through testing and systematic troubleshooting.

PROJECTS

Task Management REST API

Python, FastAPI, PostgreSQL, SQLAlchemy, Pytest | GitHub

- Developed 10+ REST API endpoints for task management, authentication, filtering, sorting, and pagination.
- Achieved a 100% test pass rate across the automated Pytest suite, with the portfolio reporting 32 tests passing in 1.48 seconds.
- Implemented JWT authentication and Argon2 password hashing to secure user authentication.
- Enforced user-level authorization at the database query level to prevent unauthorized access to other users' tasks (IDOR prevention).
- Implemented request validation using Pydantic v2 and database schema migrations using Alembic.
- Isolated automated tests using a dedicated test database to prevent test execution from modifying development data.

EDUCATION

Bachelor of Computer Applications (BCA)

Poornima University | Expected Graduation: 2027

CERTIFICATIONS

- Python Complete Course and Flask Framework, HTML Essentials – Udemy (Apr 2025)
- Networking Fundamentals on Google Cloud – Google Cloud Skill Badge (Oct 2024)
- Get Started with Cloud Storage – Google Cloud Skill Badge (Oct 2024)
- React: Components, Context, and Accessibility – LinkedIn Learning (Oct 2026)
- Build Your Generative AI Productivity Skills with Microsoft and LinkedIn – LinkedIn Learning (Oct 2026)

ACHIEVEMENTS

- Secured 4th Rank in the Digital Campus 2.0 Google Cloud HackSprint, organized by Poornima Institute of Engineering & Technology in collaboration with Google Cloud (Nov 2024).

SOFT SKILLS

Problem-Solving, Attention to Detail, Adaptability, Communication