

ASHISH KUMAR

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Portfolio: <https://ashish-techfolio.vercel.app/>

Behance(UI/UX Design) : www.behance.net/98f2ad75

PROFILE

Product Analyst at Paytm with experience in Backend Engineering and Generative AI. Skilled in product analysis, stakeholder collaboration, FastAPI, PostgreSQL, APIs, and AI-powered systems. Passionate about bridging business, technology, and user needs to build impactful products.

TECHNICAL SKILLS

Languages: Python, SQL

Frameworks: FastAPI, Flask

Databases: PostgreSQL

Web Technologies: HTML, CSS

Tools/Platforms: Git, GitHub, Postman
VS Code

AI/GENAI SKILLS

Rag Architecture

Embeddings & Semantic Search

Chunking & Vector Databases

LLM Integration

Prompt Engineering

Tools: Ollama, ChromaDB,

Hugging face

PRODUCT SKILLS

UI/UX DESIGN

Tools: Jira, Confluence

Agile Methodology

Stakeholder Management

Cross-Functional Collaboration

Product Documentation

Product Analysis

Reporting & Tracking

PROJECTS

FastAPI CRUD Service (PostgreSQL)

GitHub: [Postgres Data Manager](#) | Tech: Python , PostgreSQL, FastAPI

- Developed RESTful APIs using FastAPI for CRUD operations, request validation, authentication workflows, and PostgreSQL data persistence.
- Integrated PostgreSQL using psycopg2 for data persistence.
- Implemented partial updates using Pydantic models and JWT Authentication.
- Tested APIs via Swagger UI and handled validation/errors.

AskDocs AI – RAG PDF Assistant

GitHub: [AskDocs-ai-rag](#) | Tech: FastAPI, ChromaDB, Ollama, Sentence-Transformers, Python

- Built an AI system that answers questions from uploaded PDF documents.
- Converted PDFs into embeddings and stored them in ChromaDB for retrieval.
- Retrieved the most relevant text chunks before generating AI responses.
- Integrated Harvard and WHO research PDFs as a default knowledge base.

PROFESSIONAL EXPERIENCE

Product Analyst | Paytm May 2026 – Present

- Collaborating with product managers, designers, backend and frontend, designer, app, QA teams to deliver product initiatives.
- Managing requirement tracking, delivery coordination, stakeholder and issue resolution.
- Working with Jira, product workflows, prioritization and cross-functional teams.
- Supporting product decision making through operational analysis and reporting.

Python Apprentice – Research & Development | Velocis January 2026— May 2026

- Assisted in workflow coordination and process-oriented tasks across operational activities.
- Participated in Python-based automation and backend-related learning initiatives.
- Supported testing, documentation, and structured execution of assigned tasks.
- Gained exposure to reporting workflows, professional communication, and team collaboration.

INTERNSHIP EXPERIENCE

Google for Developers — AI/ML Virtual Internship

Palo Alto Networks — Cybersecurity Intern

NASA International Space Apps Challenge — Participant

Education

Bachelor of Technology (Computer Science & Engineering), Galgotias University, Greater Noida (CGPA: 7.67/10)