

SUMIT KUMAR PANDIT

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EDUCATION

B. Tech (Computer Science & Technology)	2023-2027	Guru Gobind Singh Indraprastha University, New Delhi	8.76 CGPA
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EXPERIENCE

Devliqly- Backend Developer Intern

June 2025 - July 2025

- Achieved robust backend stability using Node.js/MongoDB, integrating 5+ third-party APIs and implementing AI-driven features.
- Boosted application performance by 30% by optimizing RESTful APIs with AWS and database indexing, cutting average API response time by 200ms.
- Reduced critical production bugs by 40% through collaborative debugging with cross-functional teams, securing authentication for over 10,000 users.

Quazire AI- Full-stack Developer Intern

Nov 2024 - Jan 2025

- Built responsive and dynamic web applications with React, Node.js, and MongoDB, integrating third-party APIs and implementing secure authentication and authorization.
- Designed and optimized RESTful APIs, improving application performance, scalability, and database efficiency using AWS and indexing strategies.
- Collaborated and troubleshooted with cross-functional teams, resolving complex technical issues to deliver high-quality features on time.

PROJECTS :

Vanshu AI (Agentic Personal Assistant & Orchestration Engine)

FastAPI, Pydantic AI, Celery, Redis, Qdrant
Vector DB, PostgreSQL, Docker, Azure

[Link](#) | [Github](#)

- Architected a queue-based AI assistant using FastAPI, Pydantic AI, and Celery; offloaded heavy document generation (PDF/Word/PPT) and Gmail OAuth delivery to background workers to optimize API latency.
- Engineered a dual-layered memory system (Qdrant for long-term vector preferences, Redis for short-term history) for real-time prompt injection, deploying the full-stack containerized architecture on Azure VM.

Velvet AI – AI Companion Platform [Link](#)

Next.js, Node.js, Supabase, Qdrant, Cloudflare
R2, Langchain

- Developed an AI companion application with scalable backend APIs for persona-based chat management, media handling, authentication, and real-time conversational AI response generation.
- Integrated Qdrant vector database for semantic memory retrieval, Cloudflare R2 for object storage, and Supabase for secure authentication and database management.

CrownCars – Car Rental Platform [Link](#)

React Native (Expo), Supabase, Cloudflare R2,
Twilio

- Built a cross-platform car rental application with vehicle browsing, booking management, Supabase-backed authentication, and secure media uploads via Cloudflare R2

[Link to All Projects](#)

TECHNICAL SKILLS

- Programming Languages:** Python, FastAPI, Pydantic, PydanticAI, SQLAlchemy, JavaScript (JS), TypeScript, NextJs, ReactJs, React Native, HTML, CSS, Celery, Redis, Qdrant, Cloudflare R2, AWS S3, LangChain, C++ (familiar), Docker (familiar)
- Tools/Platforms:** Git, GitHub, VSCode, COLAB, Jupyter, PostmanAPI, Pydantic Logfire, twilio, n8n
- Databases:** MySQL, PostgreSQL, Firebase, MongoDB, Google Cloud, Supabase
- Coursework:** Data Structures and Algorithms (DSA), Object-Oriented Programming (OOPs), DBMS
- Soft Skills:** Strong communication and collaboration skills demonstrated through leading teams in Hackathons, Internship, College Events.

ACADEMIC ACHIEVMENTS & AWARDS

- Winner of 2+ Hackathons demonstrating rapid prototyping, innovation under pressure, and practical software engineering excellence.
- Published Cloud Computing for AI and ML Research Paper in IC-AMSI 2024.

CERTIFICATIONS

- GitHub Foundations (**GitHub**)
- Oracle Cloud Generative AI Professional
- Open Source Technology in Database(**Percona**)
- OCI AI Foundations Associate (**Oracle**)
- MongoDB Atlas Certification (**MongoDB**)
- Postman API Certification (**Postman API**)