ANKUR SAURABH

SENIOR TECHNICAL
SOFTWARE ENGINEER

CONTACT

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SKILLS

- **Backend & APIs**
- Python, Django, Flask, RESTful API Design, Microservices Architecture
- **Distributed Systems & Messaging**
- Celery, Redis, RabbitMQ, Asynchronous Processing, Event-Driven Workflows
- **Cloud & DevOps**
- AWS, Docker, Containerized Deployments, CI/CD Pipelines
- **Databases**
- PostgreSQL, MySQL, SQLite
- **AI / GenAI (Applied)**
- LLM Integration, Retrieval-Augmented Generation (RAG), Prompt Engineering, AI Workflow

PROFESSIONAL SUMMARY

Senior Backend Engineer with 7+ years of experience building scalable, low-latency systems across fintech, crypto trading, payments, and AI platforms. Specialized in Python, Django, REST APIs, AWS, and asynchronous architectures (Celery, Redis), with hands-on leadership in OTC trading, automated execution engines, blockchain systems, and AI-driven SaaS. Focused on secure, high-performance backend infrastructure and delivering production-ready systems in fast-paced startup environments. Portfolio: _https://ankurpython.github.io/_

EXPERIENCE

July 2025 - Present
Backend Engineer & Product Architect
WisdomAI, Dubai

- Led **backend architecture and MVP delivery** of an **AI-first real estate platform** modernizing agent workflows and investment access.
- Built **distributed backend services** powering **AI listing creation, document intelligence, CRM, analytics, and multi-portal publishing**.
- Designed **AI pipelines** for **property valuation, ROI analysis, SEO scoring, and multilingual (EN/AR) content generation**.
- Developed **fractional real estate investing infrastructure** including **investor portfolios, SPV-style tracking, and secure wallet flows**.
- Integrated **third-party portals and external data sources** to enable **real-time publishing and analytics.**
- Owned **system architecture**, delivering a **production-ready MVP** with focus on **low-latency APIs, scalability, and security**.

December 2022 - May 2025
Senior Software Developer (Backend)
MidChains, Dubai

- Built an **OTC crypto trading platform from scratch** (Client, Trading, Custody portals) supporting **order execution, wallets, KYC, fiat deposits, and withdrawals**.
- Engineered **secure backend services** for a **cryptocurrency exchange** with **multi-pair trading, wallet generation, crypto withdrawals**, and **admin/user management (2FA, IP blocking)**.
- Developed the **Trading Portal** for **real-time order execution, pricing, and quote workflows**.
- Designed **Custody systems** for **client onboarding, bank verification, and compliance operations**.

Pipelines, Document Processing, Multilingual Content Generation

- **Data Processing**

- Pandas, NumPy, NLP Pipelines

- **Web Technologies**

- HTML, CSS, Bootstrap

- **Testing & Quality**

- PyUnit, API Testing

- **Domains**

- FinTech, Crypto Trading Platforms, Payment Gateways, Blockchain Systems, AI-Driven SaaS Platforms

EDUCATIONS

May 2018

🎓 B.TECH **in Computer Science & Engineering**

Northern India Engineering College, GGSIPU

CERTFICATIONS

- **Microsoft Certified** 98-381
- **National Conference** on Emerging Technology in Computing.
- Certified & trained in **Salesforce** by ALMAMATE.
- Certified in **Ethical Hacking & Cyber Security** in LUCIDEUS Group.

LANGUAGES

- English (Expert)
- Hindi (Native)
- Urdu (Intermediate)
- Arabic (Naive)

- Integrated **third-party wallet providers** for **secure, scalable transaction processing**.
- Designed a **scalable crypto payment gateway (MidPay)** enabling **merchant onboarding, sub-merchant management, dynamic pricing, QR payments, and fiat settlement**.
- Developed **secure REST APIs** for **payment processing and conversion flows**.
- Optimized throughput using **Celery + Redis** for **asynchronous processing**.
- Architected an **automated crypto trading system** integrating **external exchanges (Coinbase)** for **real-time price discovery and execution**.

July 2021 - November 2022

Python/Django Developer

TNC IT Blockchain Solution, Dubai

- Developed a **cross-chain token bridge platform** enabling asset transfers from **EOS to ERC20, BEP20, and other networks**.
- Implemented secure workflows allowing users to **deposit EOS and receive mapped tokens on target blockchains**.
- Built **two-step admin approval systems** and **on-chain transaction validation** before releasing tokens to user wallets.
- Integrated **Web3-based smart contract interactions** to handle deposits, validations, and token minting flows.
- Engineered backend services for a **multi-network cryptocurrency exchange** supporting **BSC, ERC20, and other chains**.
- Designed **trade processing pipelines using Redis queues**, routing requests through **pre-processing, matching, and post-processing services**.
- Focused on **secure wallet interactions, transaction integrity, and scalable API performance** across blockchain networks.

June 2018 - June 2020

Software Engineer- Python

MAAA Info Services Private Limited, Hyderabad

- Built **Python/Django backend systems** for **e-learning and e-commerce platforms**, including **CMS, course management, student onboarding, and content delivery**.
- Developed **public portals** for course discovery and enrollment, with **caching** to improve performance and scalability.
- Engineered **core e-commerce modules** for **product catalogs and order workflows**.
- Contributed end-to-end across the **SDLC** (design to deployment) and supported **early-stage product launches**.