

# ANKUR SAURABH

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## Professional Summary

- 7+ years of experience designing and developing high-quality web applications, including 2 years managing and leading development teams.
- Hands-on experience with Django, Object Relational Mapping (ORM), and DRF web API.
- Proficient in writing clean, maintainable, and efficient code with a focus on performance optimization.
- Experienced in developing robust backend systems with a focus on security, reliability, and scalability.
- Implemented advanced Python libraries including NumPy, Pandas, and others.
- Familiar with Natural Language Processing (NLP) and Deep Learning techniques for solving data-driven problems.
- Excellent time management, leadership, and communication skills.

## Technical Skills

- |   |  |
|---|--|
| • Programming languages – Python   Java             | • SVN Tool- GitHub   GitLab                                |
| • Frameworks – Django   Flask   REST API            | • Databases - MySQL   PostgreSQL   SQLite3                 |
| • UI Technologies - HTML   CSS   Bootstrap          | • IDE - Atom   PyCharm   LiClipse VSC   Jupyter   Anaconda |
| • Others – AWS   Docker   Celery   Redis   RabbitMQ | • Testing – PyUnit   |

## Work Experience

### WisdomAI (AI-First Real Estate Platform)

Dubai, UAE

#### Backend Engineer & Product Architect

Jun2025–Present

- Leading backend architecture and MVP development of WisdomAI, an AI-first real estate platform modernizing agent workflows and investment access in Dubai.
- Built distributed backend services powering AI listing creation, document intelligence, CRM, analytics, and multi-portal publishing.
- Designed AI-enabled pipelines for property valuation, ROI analysis, SEO scoring, and multilingual content generation.
- Developed infrastructure for fractional real estate investing, including SPV-style investment tracking, investor portfolios, and secure wallet flows.
- Integrated third-party portals and external data sources to support real-time publishing, analytics,

and market intelligence.

- Owned system design decisions with a focus on low-latency APIs, scalability, and fault tolerance.
- Delivered the platform as a production-ready MVP with a strong foundation for future AI and data-driven expansion.

## MidChains

Dubai, UAE

Senior Software Developer (Backend)

Dec-2022 to Present

### OTC Platform Project

- Developed the Trading Platform from scratch, which includes three portals: Client, Custody, and Trading.
- The **Client Portal** allows users to place orders, generate wallets, add bank details, withdraw funds, accept quote requests, manage authentication, and more.
- The **Trading Portal** enables traders to view order requests, execute orders, send quotes, and manage the overall platform.
- The **Custody Portal** allows custodians to view client and firm details, manage bank information with various statuses, onboard clients after KYC, and handle FIAT deposits.
- Stack used: Python, Django, Postgres, Docker, JWT, REST API, Celery, etc.

### Heart of Europe Exchange Project

- Engineered the backend of a secure cryptocurrency exchange platform, handling wallet address generation, crypto withdrawals, and multi-pair currency exchanges.
- Developed robust admin and user management APIs, incorporating features such as 2FA authentication, IP blocking, asset management, and withdrawal processing for both fiat and crypto.
- Integrated third-party wallet services and ensured seamless, secure transaction workflows with scalability and fault tolerance in mind.

### Midpay Project

- Designed and implemented a scalable backend payment gateway enabling merchants to accept crypto payments and manage multiple sub-merchants with dynamic pricing markups.
- Developed secure RESTful APIs for payment processing, QR code generation, and fiat conversion post-payment settlement.
- Utilized asynchronous task queues (Celery) and caching (Redis) to optimize performance and reliability under high transaction loads.
- Stack used: Python, Django, PostgreSQL, Celery, Redis, Docker, JWT, REST API.

### Midchains Auto Execution Project

- Architected an automated backend system that executes real-time crypto trades by interfacing directly with external exchanges (e.g., Coinbase) to obtain optimal pricing.
- Implemented complex business logic to maximize trading profitability, managing funds securely within an internal vault system.
- Focused on system reliability, low latency execution, and secure transaction handling to support high-frequency trading operations.
- Stack used: Python, Django, Postgres, Celery, Redis, Docker, JWT, REST API etc.

## TNC IT Blockchain Solution

Dubai, UAE

Python/Django Developer

July-2021 to Nov-2022

### ABBC SWAP Portal

- Portal to bridge the token from EOS network to any network on the block chain (Ex. ERC20, BEP20 etc.).
- Users can deposit EOS token and receive the new tokens on the network selected.
- It requires two step approvals from the admin side to receive the new tokens.

- The transactions done by the users are validated on the block chain for correctness before the new tokens are released to the user's wallet.
- The entire process is handled through Web3 to interact with the functions on the block chain contract.
- Stack used: Python, Django, web3.py and MySQL etc.

### Bitstorm Exchange

- Exchange Application of cryptocurrency between the Multiple Networks (BSC, ERC 20 etc.)
- Users can come and buy and exchange their crypto.
- Whenever user makes a trade, their request will come in the form of Redis to pre-process services then again come back to Redis.
- Request will go to the Match process service once the match will found of crypto then it will go to the post service after that it will store in database.

### MAAA Info Services Private Limited

Hyderabad, India

#### Software Engineer- Python

June-2018 to June-2020

- Wrote unit tests using PyUnit and maintained version control using Git.
- Worked across the full SDLC: design, development, testing, and deployment.
- Developed core modules for an e-commerce platform, including product catalog and order workflows.
- Implemented caching mechanisms to improve performance and scalability of content delivery.
- Built CMS features including course catalogs, student registration, enrollment, and content rendering.
- Developed backend systems for e-learning and e-commerce platforms using Python and Django.

### Besant Technologies

Bangalore, India

#### PythonTrainer-PartTime (Remote) Google Review

Nov-19 to April-21

### Certifications

- Microsoft Certified 98-381 (Introduction to Programming using Python).
- National Conference on Emerging Technology in **Computing** (Technophilia 2016).
- Certified and trained in **Salesforce** by ALMAMATE in 2016.
- Certified in **Ethical Hacking & Cyber Security** by LUCIDEUS Group in 2014.

### Education

#### Northern India Engineering College, GGSIPU

New Delhi, India

B. TECH in Computer Science & Engineering

2014-2018

### Languages

English (Expert) | Hindi (Native) | Urdu (Intermediate) | Arabic (Naïve)