

# Aaditya Sangishetty

Navi Mumbai, India

+917977672964 | [adityashetty35@gmail.com](mailto:adityashetty35@gmail.com) | [Linkedin](#) | [Portfolio](#)

## PROFILE

---

Software Developer with 3+ years of experience building scalable backend systems, AI-powered solutions, and LLM-driven products across finance, legal, medical, and enterprise domains. Skilled in microservices, automation, and AI-based document processing, with expertise in Python, FastAPI, React, modern databases, and DevOps. Proven track record in reducing overhead, improving reliability, and delivering multi-tenant platforms serving thousands of users.

## EXPERIENCE

---

### Neural IT

*Software developer*

**August 2024 - Present**

Navi Mumbai, India

- Led the migration and redevelopment of a multi-tenant HRMS platform from PHP to Python, serving 150+ clients with isolated databases and 10k+ active users
- Developed scalable microservices-based platforms using FastAPI, React, MongoDB, MySQL, NSQ, Redis, and Kong API Gateway to support diverse business domains and enterprise use cases.
- Built LLM-powered summarization & field-extraction pipelines for medical notes, reducing review time by 60 %
- Engineered a chunked-upload service (FastAPI + CockroachDB) that reliably ingests single files > 10 GB and cuts transfer failures by 35 %, enabling legal teams to process high-volume evidence sets.

### CereLabs

*Software developer*

**June 2022 - Present**

Mumbai, India

- Played a key role in maintenance of the Document masking bot, deployed at HDFC and Toyota Finance
- Contributed to AI-based products known as 'bots,' specializing in advanced analysis of unstructured data.
- Fine-tuned a Large Language Model (LLM) for the legal domain. I also developed a machine learning model for Aadhar card data extraction, achieving an impressive accuracy rate of over 90%.
- Utilized object-oriented programming practices to design and implement efficient bot solutions.

## PROJECTS

---

### Hoshi Hrms

- Designed and developed multiple HRMS modules, including payroll automation, attendance tracking, leave management, and employee lifecycle workflows.
- Implemented secure authentication and role-based access control, payroll automation, and employee lifecycle management modules.
- Integrated ProHance for advanced productivity analytics and workforce monitoring, enhancing organizational efficiency.
- Optimized database design and caching strategies, improving query response times by 40%.
- Deployed using Docker and Jenkins pipelines, ensuring seamless CI/CD and reduced downtime during updates.

## Entrust – Case Management System

- Architected and developed a scalable microservices-based case management platform tailored for U.S. legal and medical workflows.
- Developed multiple core modules, including case tracking, document management, user access control, and evidence workflows.
- Integrated Stripe payment gateway to handle secure, scalable, and compliant client billing and subscription workflows.
- Designed and implemented a chunked-upload service (FastAPI + CockroachDB) to reliably ingest files >10GB, reducing transfer failures by 35%.

## Document Masking Bot

- Contributed to Document Masking Bot maintenance, optimizing document processing with TensorFlow object detection and OCR.
- Efficiently extracted and masked sensitive data, enhancing accuracy and compliance; streamlined API integration for better performance.

## Queryfic

- Queryfic taps into your organization's collective knowledge, delivering personalized responses to employee queries.
- Developed and implemented a conversation history storage system using Queryfic's platform, enabling users to efficiently retrieve past interactions with pagination.

## TECHNICAL SKILLS

---

**Programming Language:** Python, Java, Javascript

**Framework:** FastAPI, RabbitMQ, NSQ, React.js, Centrifugo

**Database:** MySQL, PostgreSQL, MongoDB, CockroachDB, Redis, Qdrant

**Web Technologies:** HTML5, CSS3, Bootstrap, REST APIs

**DevOps:** Docker, Jenkins

**API Management:** Kong API Gateway

**Monitoring & Logging:** Graylog

**Version Control:** Git, SVN

**AI / LLM:** Llama 3.1, Mistral 7B, Prompt Engineering, Model Fine-tuning

**Methodologies:** Agile (Scrum & Kanban)

**Deployment / Hosting:** Netlify, PythonAnywhere

## EDUCATION

---

**PVG College of Science & Technology**

**June 2019- Mar2022**

*Bachelor of Science in Computer Science*

**S K Somaiya Junior College**

**June 2018 - Mar2019**