

Tony Thanuvvelil

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SUMMARY

I am a software engineer with 5+ years of experience in building web applications, mostly in the startup ecosystem. Even though I work heavily on the backend using Python, Django and FastAPI, I can easily adapt to any technology. I have hands-on experience in microservices, api design, databases and query optimisation and a fair understanding of data structures, algorithms and system design.

WORK EXPERIENCE

Goddard Technical Solutions

Bangalore, IN

Software Development Engineer II - Backend

September 2021 – September 2022

- Worked in a fintech application connecting various non banking financial companies (NBFC) to customers.
- Built an async framework connected with creditline service via Kafka for billing, ledgering and scheduling repayment and syncing these with NBFCs using scheduled tasks.
- Took ownership of new NBFC integrations and designed a generic API framework to onboard new NBFCs.
- Created a CRM system for collections team from scratch using FastAPI and integrated it to Salesforce.
- Wrote a custom async request/response logging middleware for FastAPI.

Kuliza Technologies

Bangalore, IN

Software Developer

February 2021 – September 2021

- Identified and fixed two major issues related to security and payments in the HDFC Life customer journey, and this was a major milestone.
- Worked closely with the mobile app team and took ownership of existing APIs and optimised them to resolve faster.
- Managed deployments on multiple UAT and Prod servers through the command line.
- Monitored server metrics like storage and took actions to ensure best performance.

Travinnns Technologies/Inncrewin Technologies (now atmosol)

Bangalore, IN

Software Engineer

October 2016 – September 2020

- Built an online reputation and revenue management tool from scratch using the Django framework.
- Designed and developed a tool for customer acquisition and onboarding of new businesses.
- Led the project and managed an agile team of five developers and a QA engineer.
- Created a custom framework to use stored procedures to optimize db hits in certain read-heavy use cases.
- Wrote a custom script to migrate thousands of static files from project directory to Azure blob storage.
- Closely worked with the business team to decide and design new features in the app and analytics dashboard.

EDUCATION

Loyola Institute of Technology and Science

2011 - 2015

Bachelor of Engineering – Computer Science

CGPA 7.68

SKILLS

Skills: Data structures, Algorithms, Problem solving, System design

Architecture: Monolith, Microservices

Programming languages: Python, Java

Frameworks: Django (with DRF), FastAPI

Database: Postgresql, MySQL, MongoDB, Elasticsearch

Devops: Git, Bitbucket, Github Actions, Gitlab

Containerization: Docker

Task queue/Event streaming: Celery + RabbitMQ, Kafka

Caching: Redis

Cloud/OS: AWS, Linux

Servers: Nginx, Gunicorn

Testing & other tools: pytest, Swagger, black/flake8, pylint

Monitoring: Sentry, New Relic

CERTIFICATIONS

- [HackerRank – Python](#)