

Shravan Chaudhary

SOFTWARE ENGINEER, TRIOMICS

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Work Experience

Triomics Healthcare | Software Engineer

2022 – Present

- Designed, developed, and maintained HIPAA/SOC-2 compliant products utilizing Django and AWS from scratch.
- Created a modular Elastic dashboard that ingests all US and Indian clinical trials, aiding our operations team in targeting our initial customers.
- Laid the foundational integration code for mapping our offerings with external EDCs, making our platform the first in the market to be EDC agnostic for hospitals and sites.
- Designed and implemented an Orchestrator and an ACL Gateway within our microservice architecture to scale our platform.
- Optimized APIs from 20 seconds and 20k queries down to ~2 seconds and constant queries by introducing a cache layer and fixing N+1 queries.
- Conducted code reviews, fixed prod issues, groomed story points, and brainstormed app design with peers during each sprint to ensure the smooth sailing of deliverables.

Innovaccer | Software Engineer

2021 – 2022

- Gathered product requirements and developed multiple features for our legacy product Patient 360.
- Managed deployment for 36 different clients having multiple microservices and different tags.
- Contributed to the ideation and development of the feature environment pipeline, which stabilized our rapidly developing platform.

Wingify | Software Engineer

2019 – 2021

- Took charge of VWO Full Stack (Open Source Server-Side A/B Testing) and developed features like bucketing, segmentation, whitelisting, and mutual exclusion.
- Containerized data science applications and wrote a pluggable library incorporating logging, Sentry, email/SMS notifications, and caching for seamless migration from VMs to GCP.
- Debugged a data science service and increased the performance by 20x by incorporating a redis cache layer.
- Debugged multiple data science services that crashed during peak hours due to improper thread management, reducing the downtime of our data science applications to zero.

Education

Indus Institute of Technology, B. Tech in Computer Engineering

2015-2019

Secured 9.09/10 CGPA

Skills & abilities

- Python, Django Rest Framework, Flask, SQLAlchemy, Java, Spring Boot
- Postgres, MongoDB, S3, Redis, ElasticSearch, Vector DBs
- Docker, git, AWS
- Data Structures and Algorithms, Object Oriented Programming, High-Level Design, LLD, CICD, Microservices