

Rohit Agarwal

Software Engineer

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I am a software engineer with 4 years' experience, passionate about building products. Throughout my career I have built systems and managed teams from the ground up. I've worked with product teams, developed cloud solutions, and dealt with range of technologies and services.

Work Experience

Senior Software Engineer

Clootrack Software Labs

Aug 2022 - Current

- Helped move the company from MVP stage ~\$4.8M ARR product, growing from 3 clients to 100+ clients
- Led a team of 5 in transitioning from standard weekly-report delivery to automated template creation.
- Achieved instant re-publishing of insights dashboards, down from a 5-day process, through the development of a data edits feature, resulting in a significant boost to customer experience.
- Clootrack 2.0: Laid the foundation for a scalable multi-tenant microservice architecture, preparing the product for a 10x scale increase.

Senior Software Engineer

Reward360

Dec 2020 - Apr 2022

Built a multi-tenant real-time e-gift voucher sourcing engine from ground up that reduced voucher delivery time from several hours to under 90 secs. Used by top banking clients including HDFC, SCB, Axis bank.

- Owned the entire backend API layer for the new loyalty super app. Used by Bangalore Airport.
- Led the technical effort to design & build a real-time server-to-server communication platform to connect external clients with internal LMS engine. Used by Extramarks' Star program.
- Tech Stack: FastAPI, Celery, Docker, DockerSwarm, AWS

Software Engineer

Epic One

Aug 2019 - Dec 2020

- Started as the sole engineer, growing the team to 12 people. Built and shipped the MVP of the product, and the 3 follow-up versions.
- Laid out the foundations of loosely-coupled, multi-tenant microservice architecture, built on top of AWS, Docker swarm and Python services.

Data Scientist

Datasutram

Aug 2018 - Jul 2019

Employee #1 at B2B SaaS startup. Created prototypes, designed, and implemented a large portion of the analytics side of the project. Assisted in every other aspect of the company's expansion.

- Increased efficiency of product by modeling a development index using satellite images classification
- Developed Name-Community classification model for Indian names using ULMFIT technique.

Data Science Intern

Xelpmoc Design & Tech

Jun 2018 - Jul 2018

- Worked on Xpand - a location intelligence platform which combines internal sales and customer data with relevant external data to provide insights about the potential of a location.

Education

B.Tech

Heritage Institute of Technology

2015 - 2019

Skills

API Development | Backend | DevOps | Fullstack | Microservices | Machine Learning |

Technologies and Languages

Languages

Python, JS, Go

Technologies

Microservices, Docker, MySQL, Postgres, MongoDB, Git, FastAPI, Kubernetes, Traefik, GraphQL,