

Bangalore, India
(+91) – 7975015754
rohan@rohanroy.com

Rohan Roy

[linkedin.com/in/triump0870](https://www.linkedin.com/in/triump0870)
github.com/triump0870
www.rohanroy.com

About Me

Software Engineer with special expertise in APIs and web services. Comfortable implementing web services, managing server-side scalability and concurrency, designing database schemas and batch processing jobs, and deploying and administrating servers. Experienced in building sophisticated distributed systems using REST web APIs. Product focused and deeply passionate about solving interesting problems.

Technical Skills

Strong: Python, Linux/Unix, Django
Experienced: MySQL, AWS, GC, DRF, Git, Auth0, Docker, Heroku, Zappa
Basic: PostgreSQL, Solr, Zookeeper, Zabbix

Engineering Experiences

Freelance Software Developer **Mar 2017 — Present**
Upwork Global Inc., Remote

Client: [beARETE Inc.](#)

- Built up the API backend architecture from ground zero leveraging the benefits of AWS services consisting EC2, Lambda, RDS, Route53, ACM, IAM, S3, CloudFormation, CloudFront etc. alongside Zappa, Django and Django REST Framework and Docker for local development.
- Integrated the Auth0 as identity provider and Stripe as the payment gateway.

Skills: Python, Django, DRF, Zappa, AWS, Docker, Git, Auth0, Stripe

Client: [Bardog Inc.](#)

- Developed the admin portal from scratch which helped the company to do the admin level jobs more easily.
- Created the admin interface using Jinja2 template engine and integrated it with the Flask.

Skills: Python, Flask, GC, Docker, JIRA, Git

Client: [MeasuredSearch](#)

- Helped the team to improve the invoicing system which helped the company to track the non-invoiced transactions.
- Created the interface for checking the contracted and self-serviced deployments with analytics of the usage of the deployments
- Build the system manager from scratch to run the system patch and up-gradation in the AWS instances and deployment clusters. Which also has an interface which provides the functionality to schedule the maintenance, real-time logging from the instances and provides the maintenance report with analytics.

Skills: Python, Django, DRF, MySQL, AWS, GC, Docker, Solr, Zookeeper, Zabbix, Jira

Backend Developer

Sep 2016 — Jan 2017

Infratab Inc, Bangalore, India

- Implemented Docker containers in the production server in AWS, which helped in minimizing the deployment time.
- Integrated Auth0 with Accounts service and implemented RBAC system on it, which helped Area51 team in managing both B2B and B2C platform.

Skills: Python, Django, Auth0, RBAC, Docker, Git, AWS, Fabric, Heroku

Software Developer

Nov 2015 — Sep 2016

HackerEarth.com, Bangalore, India

- Designed REST APIs for the HackerEarth Recruiter platform that allows sophisticated, effective and low-cost application integration.
- Implemented designs, including experimentation and multiple iterations for the HackerEarth Recruiter platform.
- Collaborate with other team members to plan, design and develop robust solutions.

Skills: Python, Django, Django Rest Framework, MySQL, Git, AWS

Software Engineer

Jul 2014 — Oct 2015

Ericsson Global Services Pvt. Ltd., Kolkata, India

- Developed initial phase of trip planning app of Ericsson Kolkata (EriTrip).
- Developed RESTful API endpoints using Django-Rest Framework and MySQL database to integrate Meeting Room booking app (Confrentu) with the Ericsson Intranet.

Skills: Python, Django Rest Framework

Projects

Accounts

Accounts is a universal identity solution integrated with RBAC system which is using Auth0 as an identity provider, which helps both the merchants and the customers to use the Infratab product without any hassle.

Challenger

A web app for conducting one-on-one programming contest with random people developed in the HackerEarth internal hackathon.

Hapo

Hapo is a free technical quizzing app by HackerEarth. Challenge yourself by solving quizzes across various topics of Computer Science and compete with your friends to top the leaderboard.

For more details, please visit: <http://www.rohanroy.com>