

SWAPNIL PATEL

Software engineer

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PROJECTS

CUBII- Under desk elliptical trainer

As backend developer, was responsible to work with Django and postgres to develop REST APIs and deploy to production over AWS – EC2 cloud and GCP. Optimized and segregated Async tasks and use rabbitMQ cluster.

RESQ- Queue manager app

Android application for efficient queue management in restaurants. Also, be used for analyzing customer patterns and rush hours. Working as a backend developer, improved the events sync efficiency between devices to 6x.

DATA ARCHIVAL SYSTEM- Archiving scientific data

Cross platform desktop application to let the scientists archive experimental data. As a lead developer, crafted the application from scratch, optimized and prepared real-time visualization of the process to study and monitor.

EXPERIENCE

SOFTWARE ENGINEER: 08/16 -06/17

Aubergine solutions Pvt. Ltd., Ahmedabad, India.

SOFTWARE DEVELOPER INTERN: 01/16 – 04/16

Institute for Plasma research, Gandhinagar, India.

EDUCATION

MASTER OF SCIENCE: 08/17 – Present [GPA: 4.0]

Computer Science

California State University- Sacramento, CA, USA.

BACHELOR OF TECHNOLOGY: 07/12 – 05/16

Computer Science

Dharmsinh Desai University, Gujarat, India.

LANGUAGES

Python, Java, Go.

CLOUD

AWS, GCP, Azure.

SKILLS

Developed **RESTful APIs** with Django/python backend.

Worked with relational and NoSQL **databases**. [PostgreSQL, Oracle and MongoDB]

Deployed and worked with open-source services - **Docker, Solr, Elastic search, Jenkins, Celery, RabbitMQ, and Supervisor**.

Developed log monitoring tool with **ELK stack**. Configured server auto-scaling and containerization (micro-service architecture).

Worked on frontend with- **HTML, CSS, nodejs, javascript**.

Experience with ML libraries- **Tensorflow, scikit-learn**

EXTRA-CIRRICULAR

Speaker at Google Devfest 2017 – Google Sunnyvale, GDG Sacramento

LINKS

<https://github.com/swap357>

<http://theback.space/>

[linked-in](#)