Aakash Nihalani

Full Stack Developer

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PROFILE

Skilled and well-organized developer with **4 years** of experience. Proficient in **Python, Django, React and Golang**. Passionate about implementing projects that make an impact on people across the world.

EDUCATION

Bachelor of Technology, Computer Science
Nirma University
2014 – 2018
First Class with Distinction
Cum. GPA: 8.31 / 10.0

PROGRAMMING

Python • Javascript • Typescript

Golang • SQL

TOOLS/FRAMEWORKS

Django • React • Airflow • git

MySQL • Splunk • CircleCI • Celery

Redis • Nginx

AWARDS

Scholarship
Nirma University
Awarded with scholarship of Rs. 50000 per annum by Nirma University for Academic Excellence.

ORGANISATIONS

Each One Teach One (EOTO)
Co-Founder
Ahmedabad, India
An initiative in which educated youth is motivated to pass on their knowledge to the needy and thereby solving the root cause of all the problems i.e. illiteracy.

CERTIFICATES

- Go Bootcamp: Master Golang
- Concurrency in Golang
- Blockchain and Bitcoin Fundamentals

PROFESSIONAL EXPERIENCE

Proem Sports
Full Stack Developer
Feb 2020 – present | Bangalore, India

- Developed a Customer Data Platform's (CDP) backend from scratch using **Django, Redis, MySQL** and **Celery.**
- Optimized the performance of fan segmentation engine by **50-60%** which can handle filtering over **1M** fans.
- Built the product's UI using **React, Redux and Router.** Improved the application's initial loading time by **40%.**
- Implemented data ingestion pipelines using **Apache Airflow,** which reduced new client's setup time drastically**.**
- Managed the CI/CD pipeline for automated testing and deployment of both frontend and backend using **CircleCI**.
- Part of tech hiring team conducting interviews.

Crest Data Systems
Software Engineer
Jan 2018 – Feb 2020 | Ahmedabad, India

- Worked on six premium **Splunk** Apps/Add-ons. Splunk is a software platform widely used for data analytics.
- **Splunk Add-on for VMware**: Responsible for ingesting data in metrics format to enable better analysis of performance data
- Built whole UI from scratch using **React** for two Splunk owned app named **RapidDiag** and **Splunk App for Unix and Linux**.
- Lead the teams of several projects for the migration of legacy codebase from **Python 2** to **Python 3.**
- Responsible for mentoring interns and guiding them to follow the best practices for developers.

PROJECTS

Virtual Report Analyzer
Jun 2017 – Dec 2017

- Designed a Blood report analyzer which shows the probability of various diseases using ML techniques. The outcome concludes the anomaly by giving **~90% accuracy**.
- It takes the preprocessed blood report images as an input and passes it to OCR. The domain features, calculated from the OCR output, are fed into classifiers like SVM, KNN and Random Forest to generate the probability outcome.

Medical Assistant Application
Jan 2017 – Jun 2017

- Built an Android application using **Java** and **NoSQL database** that acts as a medical assistant by providing basic information about medicines, disease and associated symptoms to users**.**
- Incorporated nearby hospital/medical store locator using **Google Maps API** and video calling service with a medic using **Skype Android SDK**.