GAUTAM SINGH

BACKEND ENGINEER

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# **EXPERIENCE**

Fractal Analytics *Jan 2023 - Present*

**Engineer**

* Developed and maintained backend APIs using Flask/Python for ComCen (P&G) project.
* Created data transformations using Pandas DataFrame.
* Collaborated with the team to design, develop and deploy scalable, robust and efficient microservices to meet the client's requirements.
* Participated in code reviews, testing, debugging, and troubleshooting to ensure high-quality deliverables.
* Maintained documentation and provided technical support to other team members and clients when required.

SpringML *Dec 2021 - Dec 2022*

**Data Engineer**

* Devoted time to work on GCP resources.
* Developed REST APIs on Flask and deployed it on Google Cloud Platform.
* Used Infrastructure as a code tool (Terraform) to seamlessly manage the resource management in the cloud.
* Utilized Google Cloud resources like, Cloud Run, Cloud Functions, Cloud SQL, Secret Manager, Cloud Storage, etc. for several projects and POCs.

CodeNicley *Oct 2019 - Dec 2021*

**Software Development Engineer**

* Developed back-end from scratch on one of CodeNicely's biggest projects. Fashioned web-applications as per client's demands and expectations.
* Spearheaded a team of 4 people to design and develop projects on different platforms.
* Managed clients personally and noted their feedback for development and quality assurance. Mentored new django developers in the company.
* Interviewed new applicants and shortlisted them as per company's requirements.

Byju's - The Learning App *Jan 2019 - Sep 2019*

**Business Development Associate**

* Regularly and effectively met warm calling targets, 2.5-3 hours call time per day.
* Accelerated company's growth by achieving a total sales of 14-15 lacs.

# **PROJECTS**

## HealthPotli @CodeNicely - Django, Python, VueJs *2 years*

* This is an Amazon-like application for Health-Care Products/Medicines with around 50k users and 40k+ products.
* Implemented features like in-app wallets, referral program, cart, bookmarks with custom wishlists etc.
* **Rest-APIs** were built using DRF (**Django Rest Framework**).
* Users were authenticated using **JWT authentication**.
* Integrated third-party packages like - Razorpay, Ezetap, Zoho books, BulkSMS, Firebase cloud messaging etc.

## Telelanguage @SpringML- Flask, Python *7 months*

* This project aims at providing live language interpretation services to their customers.
* Integrated **Twilio**'s Programmable Voice and Programmable Video, for live calling features.
* Utilized **Sendgrid** services for notifying users via email.
* Used **Flask** to build REST APIs

# **CERTIFICATIONS AND ACHIEVEMENTS**

* Cleared the **Google Cloud Platform - Professional Data Engineer** examination and received a certification for the same.
* Received a **Twilio Platform Certification**.
* Participated in **Google Kickstart Competition** 2020.

# **SKILLS**

**Languages** - Python, Golang, JavaScript, Terraform, C, SQL.

**Technologies** - Firebase (Authentication, FireStore, Storage, Cloud Messaging, Cloud Functions), Git, Google Cloud, Ubuntu.

**Concepts** - Object-Oriented Programming, Rest APIs, Django Design Patterns like MVT (Model-View-Template), multi-threading, CI/CD, micro-service architecture.

**Tools** - Looker, DialogFlow

# **EDUCATION**

**CSVTU -** Computer Science and Engineering - **72%** *2015 - 2019*

**K.V. no. 1, Raipur -** Senior Secondary (12th) - **87.6%** *2015*