GAUTAM SINGH

Full-Stack Developer

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# **SKILLS**

* **Backend:** Python (Django, Flask), GoLang
* **Frontend**: React (with Redux toolkit)
* **DevOps/Cloud:** Docker, Kubernetes, GCP, Terraform
* **Databases**: SQL, Redis, Firestore, MongoDB

# **EXPERIENCE**

**Engineer** - Fractal Analytics *Jan 2023 - Present*

* Spearheading the development and maintenance of backend APIs using Flask/Python for the ComCen (P&G) project.
* Designing and maintaining responsive front-end components with React and Redux Toolkit.
* Creating data transformations leveraging Pandas DataFrame to optimize data processing.
* Collaborating within a dynamic team to design, develop, and deploy scalable, robust microservices meeting client specifications.
* Contributing to code reviews, testing, debugging, and troubleshooting to ensure the delivery of high-quality solutions.
* Maintaining comprehensive documentation and providing technical support to team members and clients when needed.

**Data Engineer** - SpringML *Dec 2021 - Dec 2022*

* Devoted expertise to the management of Google Cloud Platform (GCP) resources.
* Developed REST APIs on Flask, deploying them seamlessly on GCP.
* Leveraged Terraform for Infrastructure as Code to efficiently manage cloud resources.
* Utilized various Google Cloud services, including Cloud Run, Cloud Functions, Cloud SQL, Secret Manager, and Cloud Storage, for multiple projects and proof of concepts.

**Software Development Engineer** - CodeNicley *Oct 2019 - Dec 2021*

* Pioneered the development of backend systems from inception in one of CodeNicely's major projects.
* Crafted web applications tailored to clients' demands, ensuring alignment with expectations.
* Led a team of four professionals, guiding the design and development of projects across diverse platforms.
* Personally managed client relationships, gathering feedback for continuous development and quality assurance.
* Mentored new Django developers, contributing to their professional growth within the company.
* Conducted interviews, shortlisting candidates aligned with company requirements.

**Business Development Associate** - Byju's *Jan 2019 - Sep 2019*

* 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**

## [[Link](https://in.pg.com/)] **Comcen P&G** @Fractal *1 year*

* Engineered robust backend functionalities using **Flask** to manage Procter & Gamble's internal shipment deliveries.
* Contributed to the frontend development with **React**, ensuring a user-friendly interface.
* Implemented multilingual support, allowing the application to operate seamlessly in various languages.
* Ensured the application's scalability across multiple cities, accommodating Procter & Gamble's diverse operational needs.
* Orchestrated services using Azure Kubernetes Service for efficient deployment and scaling.

## [[Link](https://www.healthpotli.com/)] **HealthPotli** @CodeNicely *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 *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**

* [[Link](https://www.credential.net/44f78ece-7455-4ef1-ab75-bd8c7dfe209a?key=988a288f4c818944729951d49e7f2fe3dcf5c051d12fba8115b6cc96ba22eb73&record_view=true)] Google Cloud Platform - Professional Data Engineer
* Twilio Platform Certification

# **EDUCATION**

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

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