# GAUTAM SINGH

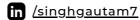## BACKEND ENGINEER

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## EXPERIENCE

**SpringML**                                                                  *Dec 2021 - Present*
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 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 project.
- Fashioned web-applications as per client's demands and expectations.
- Spearheaded a team of 4 people to design and develop projects on different platorms.
- Managed clients personally and noted their feedbacks for delopment 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 14-15lacs.

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## 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**)
- Used **PostgreSQL** for the production database and **MySQL** for development.
- 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.
- Used **Flask** to build **Rest-APIs**.
- Integrated **Twilio**'s Programmable Voice and Programmable Video, for live calling features.
- Utilized **Sendgrid** services for notifying users via email.

# 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.

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# SKILLS

**Languages** - Python, 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

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# EDUCATION

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

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

**K.V. no. 1, Raipur** *2013*
Higher Secondary (10th) - 9.4 CGPA