

Samprit Sarkar | Programmer

Location: Krishnanagar

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Professional profile

A Constant Learner, Problem Solver who loves to solve challenges in a way that meets perfection.

As a programmer, I am passionate about coding. Whatever the technology is, I always dig deeper into the documentation and implement them to learn by doing. I always love to learn new technologies that are available in the market, and I love to share what I learn.

I hold more than 6.5 years of Professional Experience in Backend Technologies (Frameworks, Databases, Testing, Cloud Providers), and Development/Deployment Tools (Docker Containers, Pipelines, Git, etc). I have 5 years of hands-on experience with Cloud Service Providers like AWS, and Azure.

Find more about my skills and works on my website: www.samprit.in

Specialisations:

☐ **Web/API Development in Django/Flask/FastAPI**

☐ **Web Scraping in Python**

☐ **Python Automation Scripting**

☐ **Laravel/Lumen Development**

☐ **CustomPHP Development**

☐ **Cloud Management**

IT/Technical Skills

➤ **Django/Laravel/Lumen – Framework**

➤ **Building REST APIs (Django / FastAPI / Laravel / Lumen / CustomPHP)**

➤ **Web Scrapping using Selenium, BeautifulSoup, API, etc.**

➤ **Core Java/Android Basics**

➤ **HTML, CSS, JS, Bootstrap (Basics)**

➤ **Web/GUI Automation using Selenium, PyAutoGui**

➤ **Relational Databases (MySQL, PostgreSQL)**

➤ **Data Manipulation using Numpy, Pandas**

➤ **Java/Android Basics**

➤ **Intermediate Knowledge on Git**

➤ **Docker Containers**

➤ **AWS EC2, RDS, S3, Cloudfront, IAM**

➤ **Azure DevOps (Basics)**

➤ **Intermediate Knowledge on Linux Systems and Configure Them**

Career Summary

2023 – Present

Utah Tech Labs Pvt Ltd
Senior Software Developer (Backend)

Outline

I work as a **Senior Backend** Software Developer in this Software Company. I have honed my skills in backend technologies, primarily focusing on Python, Flask and Django. I possess extensive knowledge and hands-on experience in these frameworks, allowing me to deliver efficient and scalable solutions.

I also have the exposure here to **handle International Clients** directly and get involved in technology-related meetings and daily calls with them.

Key responsibilities

- As a **Senior Backend** Software Developer, my first responsibility is to **take ownership of designing, coding, testing, and debugging software applications using Python, Flask, Django and other relevant technologies. Implement best practices and coding standards to ensure high-quality and efficient code.**
- Provide technical guidance and mentorship to junior developers, assisting them in solving complex problems, improving code quality, and enhancing their technical skills.
- **Collaborate with cross-functional teams to design and architect scalable, reliable, and maintainable backend systems. Identify opportunities for system optimisations and propose architectural improvements.**

Key achievement/projects

- Worked on an **AI based** Real-Estate Client's Project. Created a solution to Estimate the Cost of the Client using various BluePrint based analysis using **GPT API** and **KREO APIs**. I was involved in creating the backend APIs for the Web-based platform and Integrating different third party solutions and their APIs.
- Worked on the backend of a **Million Dollar Interior Decorator Company** based out of USA. Had an exposure to create the backend for their custom solution for managing various business aspects through **Mac, iOS** and **Web Apps**.
- Worked on multiple projects of a **IOT based Startup (USA Client)**. Had an exposure to work on IOT based Architecture using AWS IOT Core. Wrote a lot of APIs for Micro-service Architecture.
- Worked on an ML based Project for an US University to detect assignments generated using Generative AI. **Exposure to Technologies is: Flask, AWS-Lambda, API Gateways, AWS SNS and AWS RDS.**

2020 – 2023

Sifars (Sifars.com)
Senior Web Developer (Backend)

Outline

As a Senior Web **Developer with two years and five months of experience at Sifars**, I have excelled in developing backend solutions using a diverse range of technologies, including Laravel, PHP, Python, Flask,

and Automation. My expertise in these areas has enabled me to deliver efficient, scalable, and innovative software solutions. Throughout my time at Sifars, I have consistently demonstrated a strong aptitude for problem-solving and a proactive approach to tackle complex challenges. I possess excellent analytical skills that allow me to identify and resolve issues efficiently, ensuring the delivery of high-quality solutions within deadlines.

Key responsibilities

- As a **Senior Backend** Web Developer, my first responsibility was to code in various frameworks for Client's Projects. Mostly the frameworks are **Django, Flask, Laravel, and Lumen**.
- **Being a senior, I managed a small team of two people in the Python domain. Assigned their tasks, and delivered the whole to my Project Manager.**
- **I was also responsible to take a couple of technical rounds of interviews in Python for the firm.**

Key achievement/projects

- Worked on a project of **Lumen** and contributed to a lot of **REST APIs** for a Dating Application made in Ionic. Configured **AWS S3**, and **CloudFront** for all the static assets of the Application. Managed the Docker configuration for the same and resolved many issues related to that.
- **Worked on an ML-based German Startup Client's Project. Contributed to a lot of Python-based services for the same in the backend related to Web Scraping, Data Migration, etc. Services are mostly developed in FastAPI and are managed in Azure Kubernetes Clusters.**
- Worked on a **Travel Data Scraping website's backend service**. Handled the scraping service APIs in **Django**. Contributed a lot of things like implementing a **Generic Web Scraping Framework using Django**. **Managed the Application using Docker in a Linode Server.**
- Worked on a project of **Slack-Chat Bot** for a client. Integrated lots of API-related features in **Django**.
- Delivered a lot of **automation scripting in Python for the client and as well as for the company.**
- Delivered a couple of Web Scraping projects for the client in **Python – Selenium**.

2019 – 2020

Learn Code Online, INC.

Python Developer/Lead Project Trainer

Outline

I worked as a Python Developer in this company and handled a lot of internal as well as external projects. I also handled a lot of students to help them with their projects as a Lead Python Project Trainer.

Key responsibilities

- **As a Python Developer, I used to code for the web mainly. Django is one of the frameworks that I handled most of the time. Also, I worked on Flask as well.**
- **For any sort of automation scripting in Python, I was the key contact person!**
- **I worked as a Python Project Trainer as well to work with students and help them to deliver beautiful projects.**

Key achievement/projects

- Worked on an in-house project in **Django** involving **REST APIs** for a React frontend application. Managed the same on a **Linux Server**.

- Delivered a small-scale **Flask** Application.
 - Delivered a couple of **Automation Scripts in Python**.
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2018 – 2019

Webskitters Technology Solutions, USA

System Technical Analyst

Outline

As a System Technical Analyst, I worked and managed many of the projects in my company. The majority of the projects were on PHP and Laravel. I also handled a lot of students to teach them various new technologies.

Key responsibilities

- As a System Technical Analyst, I used to manage and review the code in **PHP** and their related frameworks. The majority of the projects were on **Core PHP** and **Laravel**.
- I always had to be prepared for learning new technologies for various purposes.

Key achievement/projects

- Delivered a project on **Laravel Framework** with Vue.js for a Client.
- Handled a lot of Framework related issues.

Education and qualifications

❓ **H.S., (84%) – K.H.S. – 2014**

❓ **BSc - General Science, (55%) – University of Calcutta – 2018**

❓ **PG Diploma - Computer Application, (65%) – IGNOU – 2022**

Certifications

As a tech nerd, I always look for some good resources to learn new technologies. For this purpose, I got a couple of certifications in my pocket.

❓ **Front-End Web Developer Certification, LCO – 2018**

❓ **Android Developer Certification with ML, LCO – 2018**

Recently, I'm planning to acquire certifications from AWS to strengthen my journey in Cloud.

Personal Interests and Hobbies

I also like to do research on ML related topics and concepts in Python. I just love to explore them. I read books and articles, probably anything related to ML and DL in my

free time. You may learn more about them on my portfolio website: www.samprit.in

I upload some of my personal projects on my GitHub profile. Link: www.github.com/samprits5.

My professional LinkedIn Profile is: [LinkedIn](#)

I love to read books. Especially I like the motivational and technological book genre, but I used to read any kind of book.

I also love to play PC/PlayStation Games, which I find interesting.

General Information

Date-of-Birth : 30th August, 1996

Father's Name : Mr. Chittaranjan Sarkar

Address : 200, Dr. Sachin Sen Road, Krishnanagar - 741103

Future Plans

Always to improve me further with advanced information and push myself beyond the limits. I will also focus on my soft skills like communication, team management, client handling, etc to make them even better.

Year – 2023

Place – Krishnanagar

(Samprit Sarkar)