

Sagun Shrestha

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Profile

I am a Software Engineer with extensive experience in Python, PHP, SQL, and Linux. My expertise extends into data science, using tools such as Pandas, PyTorch, Matplotlib, and Scrapy. Additionally, I have some exposure to JavaScript and Go as well.

Skills

Python, PHP, JavaScript, Go, MySQL, PostgreSQL, MongoDB, Flask, Django, FastAPI, jQuery, Ubuntu, CentOS, AWS EC2, Lambda, S3, Nginx, Apache, Git, Pandas, Scrapy, Tailwind CSS, PyTorch

Experience

Software Developer, SQM Research 2022 May – present | Sydney, Australia

- Implemented advanced stock recommendation tool for financial advisers.
- Built data pipelines to integrate multiple data sources along with tools for monitoring them.
- Developed custom APIs for clients which includes various government offices, banks and private institutes.
- Managed and improved legacy codebases written in PHP 5.6 and Python 2.7, streamlining processes to enhance overall efficiency and maintainability.
- Tech Stack: Python, PHP, MySQL, Linux, JavaScript

Software Developer, Get My Course 2018 Jan – 2022 Feb | Freelance

- Created automated workflows saving hours of manual research tasks.
- Developed automated scripts for lead generation and data cleaning.
- Tech Stack: Python, MySQL, PostgreSQL, Selenium, Scrapy

Internship, YoungInnovations Pvt. Ltd. 2017 Sep – 2017 Dec | Lalitpur, Nepal

- Developed news aggregator and traditional keyword based classifier
- Tech Stack: Python, Django, Scrapy, MySQL, JavaScript

Education

Masters of Data Science (6.18/7 GPA), Western Sydney University 2022 Mar – 2024 Jan | Sydney, Australia

- Dean's Merit List 2022 and 2023.
- Statistics, Predictive Analytics, Data Analytics, Machine Learning, Cloud Computing.

BSc Computer Science (75 %), Tribhuvan University 2013 Oct – 2017 Dec | Kathmandu, Nepal

- C, C++, Data Structure, Microprocessor, Cryptography, Database, Web Technologies, Computer Networks.

Projects

LLM for clinical notes, Researching application of LLM (GPT 3.5, LLAMA-2 70B) for analyzing clinical notes.

Eco Browse, Estimating carbon footprint of a webpage based on data usage and datacenter characteristics.

Entry Level Remote Job, Aggregates entry level remote jobs - <https://entrylevelremotejob.com/>

HN Deck, Tweetdeck like interface for browsing Hacker news - <https://hndeck.sagunshrestha.com/>

Others

- Won Intra college chess competition 2 times in a row.
- Published articles on Towards Data Science (a top data science publication)
 - Analyzing CNET's Headlines [↗](#)
 - Build your own dataset using Scrapy [↗](#)