

Sagun Shrestha

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Profile

I am an experienced software engineer with a strong background in creating data-centric full stack applications.

Skills

Python, PHP, MySQL, PostgreSQL, Flask, Web Scraping, JavaScript, Pandas

Professional Experience

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

- Implemented advanced stock recommendation tool for financial advisers
- Building data pipelines and writing web scraping scripts for data collection
- Managing multiple linux servers, monitoring cron jobs
- Building custom APIs for clients and automating manual data deliveries
- Tech Stack: Python, PHP, MySQL, Linux, JavaScript

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

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

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

- Worked on news aggregators, keyword based news classifier
- Tech Stack: Python, Django, Scrapy, MySQL, JavaScript

Education

Masters of Data Science, Western Sydney University Mar 2022 – Jan 2024 | Sydney, Australia

- 6.188/7 GPA (Distinction)
- Predictive Analytics, Machine Learning, Hypothesis Testing, Probabilistic Models, AWS Cloud

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

- 75.43% (First Division)
- C, C++, Data Structure, Microprocessor, Cryptography, Database, Java, Data Mining

Projects

Analyzing Clinical Notes using Large language models

- Using GPT 3.5 and LLAMA models for analyzing medical documents
- Deploying LLAMA-2 model on local computer

Webpage Carbon Footprint Calculator

- Calculating carbon footprint of a webpage based on page size and server location
- Deploying API on AWS (Lambda, API Gateway and DynamoDB)

Entry Level Remote Job

- <https://entrylevelremotejob.com/> 📄
- Aggregates entry level remote jobs into a single portal