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 dta 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
- Aggregates entry level remote jobs into a single portal