

# SHRAWAN SUNAR

+977 (981) 3072663 [◇ shrawansunar.6@gmail.com](mailto:shrawansunar.6@gmail.com) [◇ Kathmandu, Nepal](#)  
[polymorphism\(github.com\)](https://github.com/polymorphism) [◇ shrawansunar\(LinkedIn\)](#) [◇ shrawansunar.com.np](https://shrawansunar.com.np) [◇ shrawan.xyz](https://shrawan.xyz)

## SKILLS SUMMARY

---

<b>Languages:</b>	Python, C, JAVA, JSON, JAVASCRIPT
<b>Frameworks:</b>	FastAPI, Flask, Django, Pandas, Numpy, Matplotlib
<b>Databases:</b>	PostgreSQL, MySQL, Microsoft SQL Server, Redis
<b>Web Development:</b>	HTML, CSS, Bootstrap, jQuery, Font Awesome
<b>Tools:</b>	Nginx, Linux, Git, Jira, Postman, Excel, Draw.io, Jupyter Notebook, VS Code
<b>Specializations:</b>	Data Science, Back-end, REST API, Unit testing
<b>Methodologies:</b>	Agile/Scrum

## EXPERIENCE

---

### Software Developer Intern - Navya Advisors Limited

Kathmandu, Nepal

*Part-time - Onsite*

*Jun 2022 - Dec 2022*

- **Tech Stack: Python and PostgreSQL**
- **Worked** as a Software Developer Intern for 6 months to create **sophisticated scrapers** for collecting **financial data** for the FinTech startup company.
- **Collaborated** closely with a Senior Data Scientist to efficiently parse, manipulate, and store the scraped financial data in a highly usable format.
- **Utilized** industry standard tools and technologies to create, maintain and format reports.

### Software Developer Trainee - Navya Advisors Limited

Kathmandu, Nepal

*Full-time - Onsite*

*Dec 2022 - Dec 2023*

- **Tech Stack: Python, PostgreSQL, Machine Learning, NLP, RESTful APIs**
- **Worked** as a Software Developer Trainee for 1 year, specializing in creating sophisticated scrapers for financial data in a FinTech startup.
- **Developed** robust RESTful APIs for the in-house Mobile and Web applications.
- **Implemented** advanced machine learning NLP models for sentiment analysis.
- **Engineered** powerful scrapers capable of efficiently extracting data from multiple sources.
- **Designed** and **implemented** database models to efficiently store and manage scraped financial data.
- **Managed** database administration tasks, ensuring data integrity, security, and optimal performance.
- **Provided** access to other developers by setting up and maintaining database user roles and permissions.
- **Parsed** and processed the collected data in a highly useful manner and stored it in optimized formats.
- **Collaborated** closely with team members, including a Senior Data Scientist, to ensure effective parsing, manipulation, and sentiment analysis of financial data.
- **Utilized** industry-standard tools and technologies to create, maintain, and format reports.
- **Demonstrated** excellent communication skills, presenting complex technical information clearly to both technical and non-technical stakeholders.

### Software Engineer - Mave Fund

Cambridge, United Kingdom

*Contract - Remote*

*Aug 2023 - Present*

- **Tech Stack: FastAPI, PostgreSQL, Redis, Stock Analysis Algorithms, SP500, Web Scraping, Linux, Bash, GitHub**
- **Worked** as a Software Engineer for a Fintech startup founded by Cambridge graduates.
- **Developed** and maintained APIs using **FastAPI** for efficient communication between various components.

- **Managed** the database using **PostgreSQL** to ensure data integrity and optimal performance.
- **Utilized Redis** for caching, enhancing the speed and responsiveness of the applications.
- **Implemented** stock analysis algorithms as per the requirements of stakeholders.
- **Developed** an in-house algorithmic trading system for **SP500** companies.
- **Utilized** web scrapers to gather data from various sources, ensuring a comprehensive and up-to-date dataset.
- **Implemented** Linux **cronjobs** and **Bash scripts** for automations, streamlining routine tasks and improving efficiency.
- **Managed** GitHub repositories, overseeing **pull requests** and conducting **code reviews** to maintain code quality.
- **Collaborated** closely with stakeholders to understand and implement stock analysis algorithms effectively.
- **Contributed** to the development and enhancement of financial systems and tools.

## PROJECTS

---

All projects can be found in [my github repository](#)

### 1. Nepse-Scraper (Web Scraping, Python Module) ([link](#)):

Developed a Python module for web scraping, similar to yfinance, to retrieve real-time financial data for Nepal Stock companies listed on Nepse (Nepal Stock Exchange).

- **Designed and Implemented** a Python module for web scraping, extracting real-time financial data of Nepal Stock companies.
- **Utilized** industry-standard scraping techniques to gather data from the Nepse website and other relevant sources.
- **Published** the Python module on GitHub, making it open-source and accessible to the community. ([link](#))
- **Published** the module on PyPI, enhancing its availability and ease of installation for the Python community. ([link](#))
- **Ensured** code quality through thorough testing and documentation, allowing for easy adoption and collaboration.
- **Contributed** to the financial data ecosystem by providing a Python module for accessing Nepal Stock company information programmatically.
- **Gained expertise** in Python module development, web scraping techniques, data extraction, and package distribution through PyPI.

## EDUCATION

---

Infrastructure University Kuala Lumpur, Sunway College  
*Bachelor in Computer Science and Information Technology*

Kathmandu, Nepal  
*Expected 2025*