

Sagun Shrestha

Sydney, Australia | sagun.shrestha10@gmail.com | <https://www.linkedin.com/in/sagunsh> | <https://github.com/sagunsh>

I am a software engineer specializing in Python, PHP, SQL with a strong expertise in backend development, data processing and working with linux systems. I am passionate about solving complex problems and building efficient, secure and high-performance applications.

Technologies: Python, MySQL, PostgreSQL, PHP, Linux, Git, Flask, Scrapy, Pandas, JavaScript, Nginx, Django

Work Experience

Software Engineer, [SQM Research](#) [Sydney, Australia]

May 2022 - Present

- Implementing data pipelines and monitoring processes to improve data accuracy and ensure seamless data flow.
- Developing and managing complex web scraping systems to bypass bot detection and extract high-quality, clean data from various websites.
- Building custom APIs, automating data delivery and report generation processes for clients.
- Migrating legacy codebases - PHP 5.6 to 8.3, Python 2.7 to 3.11 to enhance performance and security
- Data analysis and exploration using Python libraries like Pandas and Numpy.
- Introduced GitHub for version control, along with building CI/CD pipelines using GitHub Actions.

Software Engineer, [Get My Course](#) [Remote]

2018 Jan – 2022 Feb

- Automated workflows to streamline and eliminate hours of manual research, increasing efficiency.
- Developed pipelines for data matching and aggregation across multiple sources.
- Used Selenium, Scrapy and BeautifulSoup for web scraping and integrated them with internal databases.

Internship, [YoungInnovations](#) [Kathmandu, Nepal]

2017 Sep – 2017 Dec

- Built a keyword based classifier to identify news related to violence against women.
- Used Django, MySQL, PostgreSQL, jQuery and Bootstrap CSS to build a full stack news monitoring portal.

Education

- **Masters of Data Science (6.18/7 GPA)** - Western Sydney University [Sydney, Australia] 2022 Mar - 2024 Jan
- **Bachelors of Computer Science (75%)** - Tribhuvan University [Kathmandu, Nepal] 2013 Oct – 2017 Dec

Projects

- **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/>
- **Google Search Ad Remover** - Browser extension to remove advertised results from top and bottom of google search - <https://sagunshrestha.com/google-search-ad-remover.html>
- **Bank Statement Parser** - Universal bank statement to csv converter for major banks in Australia, UK and USA

Additional Information

- Published articles on Towards Data Science - [Analyzing CNET's Headlines](#), [Build your own dataset](#)
- Hobbies and Interests: Chess, Football, Photography