# Shshnk Deep

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github.com/consolenine

## Experience

**Software Engineer**, Freelance – Remote                                     Jan 2024 – Present

- Spearheaded the end-to-end development of **two high-performance web applications**, leveraging Python and automation techniques to efficiently scrape and process **millions of data points**
- Collaborated with stakeholders to **define technical requirements** and deliver solutions within stringent timelines, enhancing overall business agility
- Built custom Python automation scripts to streamline data extraction and transform unstructured data into actionable insights, **reducing manual workload by 80%**

**PHP Developer**, Contract – Remote                                          Feb 2023 – Dec 2023

- Optimized and refactored the online assessment modules for Unidemy Global **improving loading speeds by 80%** through advanced PHP scripting, database indexing, and query optimization techniques
- Developed an internal business workflow management tool, automating key processes and **driving a 2x improvement in organizational efficiency** through seamless task automation and enhanced data integration

## Education

**University of Delhi**, BSc (Hons) in Computer Science                       Nov 2021 – June 2024

- **Coursework:** Computer Architecture, Data Structures & Alogrithms, Computer Networks, Internet Technologies, Artificial Intelligence, Data Science
- **Co-Curricular:** Organised successful technical competitions and events as part of computer science society

## Projects

**CuratorFinder**                                                             curatorfinder.com

- Developed a scalable platform using Django, DRF, and PostgreSQL to generate Spotify playlist curator contacts by processing millions of URLs, powered by a custom requests-based script with proxies and multiprocessing for robust results
- Implemented Celery, Redis, Puppeteer, Requests for **asynchronous background tasks and web automation**, improving data scraping efficiency and reliability
- Built the frontend with Next.js, React.js, and integrated WebSockets for **real-time updates**, ensuring a smooth user experience while maintaining **security and code quality**
- Tools Used: Django, Django Rest Framework, PostgreSQL, Celery, Redis, NextJS, ChakraUI, Websockets, Docker, Jenkins, GitHub

**Teamofgenius**                                                             teamofgenius.com

- Developed a comprehensive social media management platform that **automates AI-driven post creation**, scheduling, and analytics across multiple social channels
- Implemented a robust backend for handling user data and analytics while ensuring scalability, security, and high availability
- Tools Used: Django, Django Rest Framework, PostgreSQL, Celery, Redis, ReactJS, ChakraUI, Docker, GitHub

## Technologies

**Languages:** Python, PHP, JavaScript ES6+, C++, CSS3, SQL

**Technologies:** Django, Laravel, MySQL, PostgreSQL, Docker, Linux, Cloud Hosting, Git, GitHub, Pandas, Selenium, Puppeteer, NextJS, ReactJS, TailwindCSS, Material UI