

Yogesh Sharma

ys5270@nyu.edu | (929) 454-8191 | [github](#) | [linkedin](#) | [portfolio](#)

SUMMARY

Software Developer with 4 years of experience, focused on building scalable and efficient products using Python, Django, Java and Spring Boot. Possesses strong expertise in AWS, with hands-on experience in services such as Lambda, EC2, S3, Glue, and Batch, along with proficiency in containerization tools like Docker and Kubernetes.

EDUCATION

New York University <i>MS in Computer Engineering, GPA: 3.83/4.0</i>	Sep 2022 - May 2024 <i>Brooklyn, NY</i>
Delhi Technological University <i>BS in Engineering, GPA: 3.5/4.0</i>	Aug 2015 - May 2019 <i>Delhi, India</i>

EXPERIENCE

New York University <i>Graduate Assistant</i> <ul style="list-style-type: none">Enhanced Deep Learning skills for 250+ students through Python and PyTorch lab sessions, resulting in a 40% improvement in hands-on proficiency.Organized and managed a Kaggle competition in Computer Vision, directly applying theory, which increased student engagement by 35%.Mentored over 10+ student project groups on Computer Vision projects using PyTorch, significantly improving their ability to apply theoretical concepts in practical scenarios.	Sep 2023 - May 2024 <i>Brooklyn, NY</i>
Neuron Square <i>Software Engineer</i> <ul style="list-style-type: none">Designed and optimized Python web scrapers using Scrapy and Selenium, improving data retrieval speed by 40% with advanced HTML and XPATH techniques.Implemented Django-based REST APIs for efficient data management, integrating PostgreSQL to securely handle high volumes of data of over 1 million records.	Nov 2021 - Jul 2022 <i>Remote</i>
Pixaflip Technologies <i>Software Developer Engineer</i> <ul style="list-style-type: none">Engineered a credit-risk Django application, reducing non-performing assets by 25% and increasing market penetration by 30% through machine learning models.Integrated RESTful API services of three major third-party platforms, expanding application functionality and boosting user engagement by 15% within three months.Optimized MySQL and MongoDB databases, achieving a 30% reduction in response times, enhancing system performance and reliability.Implemented Nginx as a reverse proxy and load balancer for a Django application, reducing request latency by 20% and improving response times by 50 milliseconds.	Apr 2020 - Oct 2021 <i>Remote</i>
Infosys Ltd <i>System Engineer</i> <ul style="list-style-type: none">Developed and deployed highly scalable applications utilizing Spring Boot and React.js, facilitating the management of 1M+ transactions daily while maintaining performance and reliability under peak load conditions.Created and tested responsive APIs with Java using Slf4j and JUnit, reducing bugs by 28%, and streamlined build processes with Maven, cutting build times by 18%.	Oct 2019 - Feb 2020 <i>Mysore, India</i>
Wrapstore <i>Founder</i> <ul style="list-style-type: none">Built an online mobile accessories platform, achieving a 150% year-on-year revenue growth and generating total sales of 3 million rupees.Led a cross-functional team of 10+ to achieve a 95% customer satisfaction rate and increase online traffic by 200% through strategic campaigns.	Dec 2019 - Jul 2022 <i>Delhi, India</i>

PROJECTS

SAFE Banking System GitHub <ul style="list-style-type: none">Built the SAFE Banking System employing Django, with a responsive HTML/Tailwind CSS frontend, streamlining user registrations and transactions.Integrated Celery and Redis for task automation and implemented Docker for containerization, boosting system scalability.	Mar 2024 - May 2021
Upwork Bot GitHub <ul style="list-style-type: none">Automated job filtering and notification via a Telegram bot, leveraging Python, and Redis, increasing job acquisition chances by 60% and job proposal by x3 times.	Nov 2021 - Dec 2021
Multi-Room Chat Application GitHub <ul style="list-style-type: none">Developed a real-time communication platform with Node.js and Socket.IO, enhancing user engagement through categorized discussion spaces.	May 2023 - Sep 2023
Uformer Model Enhancement GitHub <ul style="list-style-type: none">Fine-tuned image restoration model using Python and PyTorch, advancing deep learning applications with architectural enhancements.	Mar 2023 - May 2023

SKILLS

Programming Languages	Python Java C C++ JavaScript HTML5 CSS3 TypeScript
Frameworks & Libraries	Django Spring Boot Node.js React.js Redux.js Scrapy Selenium PyTorch
Tools & Platforms	Linux Docker Kafka Postman Jenkins AWS RabbitMQ Git GitHub PySpark HDFS
Databases & Storage	SQL PostgreSQL Oracle NoSQL MongoDB CosmosDB Cassandra

RELEVANT COURSES

Data Structures and Algorithms | Internet Architecture and Protocols | Network Security | Principles of Databases | Big Data | Probability and Stochastic Processes
Machine Learning | Deep Learning | Python | Cryptography |