

Gaurav Chand Singh

Software Engineer

A developer with strong sense of dedication, motivation and responsibility which has been utilized to achieve one's and organization's goals.



Delhi NCR, India

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garvneo.github.io/cv

WORK EXPERIENCE

Software Engineer - Python

Clarivate

09/2022 - Present

Achievements / Tasks

- Project - Price Transparency:** Designed, developed and maintained microservices and automated data pipelines using python, flask and other related tech stacks, enabling: **1)** Efficient data acquisition from diverse sources. **2)** Seamless data ingestion, processing and analysis. **3)** Streamlined communication with frontend applications through UI dashboard.
- Project - Life Sciences ML Services:** Architected and implemented a versatile machine learning product with dedicated models for various products and their associated services, catering to diverse user requirements.
- Developed Python scripts** to handle and store millions of data rows, ensuring effective large-scale data management.
- Implemented comprehensive unit testing** and utilized Postman and Insomnia for thorough API testing and validation, ensuring high-quality and reliable backend functionalities.
- Leveraged legacy ML models** to implement a relevant search results filtration/identification system based on user queries, ensuring accurate information retrieval.
- Spearheaded the exploration of Generative AI** integration to enhance result accuracy and user experience in the aforementioned use case.
- Developed POCs** on use cases of Airflow and Snowflake.
- Utilized AWS** cloud services to build scalable data storage and processing infrastructure. **Led containerization efforts with Docker**, streamlining operations for enhanced efficiency and maintenance.

System Engineer

Infosys

11/2020 - 09/2022

Tasks

- Developed and maintained end-to-end automation pipelines and APIs for Palo Alto Networks clients.
- Participating in scripting automation projects and ensured seamless documentation and project management using Azure DevOps.

Software Developer Engineer- Intern

Capgemini

02/2020 - 05/2020

Tasks

- Played a key role in the development of a Microblogging site project, leveraging Python, Flask, CSS, HTML, Bootstrap, and MySQL technologies.

EDUCATION

B. Tech - Computer Science & Engineering

PSIT [Dr. APJ Abdul Kalam Technical University]

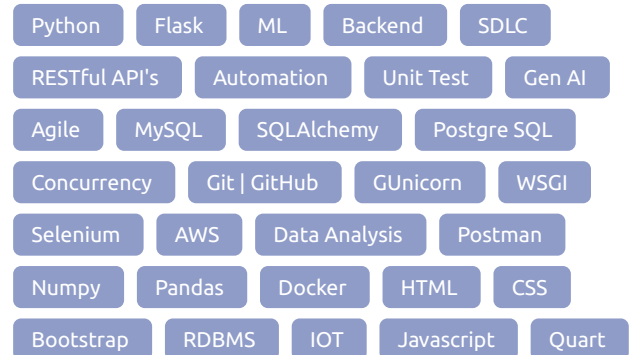
08/2016 - 10/2020

INDIA

CGPA

- 8.7

SKILLS



PERSONAL PROJECTS

Visit GitHub

- Leveraged concurrency** to develop projects in: **1. Parallel machine learning** algorithms training, **2. Real-time TCP chatbots**, **3. Concurrent web scraping**.
- Designed and built Elektra**, a smart tool leveraging python, ML and raspberry pi to provide an audio object identification for the visually impaired.
- Built and deployed a production-ready Flask RESTful API project** with Python, Docker, Redis, Swagger, JWT & Marshmallow etc.
- Built a micro blogging site** using Python, Flask, HTML, CSS & Bootstrap.

Diverse Python Projects

- Demonstrated proficiency through the completion of over **25 mini projects** spanning various domains and utilizing a wide range of Python libraries and frameworks.
- Projects include the development of micro websites, games, quizzes, analysis tools, automated jobs, and desktop GUI applications.

ACHIEVEMENTS

- Led cross-functional team of senior and junior developers in the absence of the team lead, ensuring project progress and team synergy. (2023 - Present)
- Infosys Certified Python Programmer. (2021 - Present)
- Infosys Certified Dev-ops Professional. (2021 - Present)
- Led coordination efforts for Smart India Hackathon, a large-scale pan-India tech fest.
- Coding Proficiency: Achieved 5-star badges in 'Python', 'Problem Solving' and 'SQL' on HackerRank. [Visit Hacker rank Profile](#)

LANGUAGES

English ● ● ● ● ●
Hindi ● ● ● ● ●

HOBBIES & INTERESTS

