

Pragya Sharma

Noida, India

Phone: +91-8839422714

Email: pragya112sharma@gmail.com



LinkedIn : [Pragya Sharma](#)

GitHub : [GithubPragyaSharma](#)

Geeksforgeeks : [geeksforgeeks/Pragya](#)

Software Engineer with a solid understanding of **Python**, **SQL**, and web frameworks like **Flask** and **FastAPI**. Experienced in building APIs, writing backend logic, and working with relational databases. **4-star Python** and **3-star SQL** coder on HackerRank. Interested in starting a career in data engineering, focusing on building data pipelines and learning new tools and technologies. Enjoys solving problems and working with others to get things done. Strength to be able to be helpful and make a sinking boat float.

Education

MCA - Master of Computer Applications / 8.53 C.G.P.A Amity University, Noida, India	2023 – 2025
BCA - Bachelor of Computer Applications / 8.2 C.G.P.A Jiwaji University, Gwalior, India	2020 – 2023
Senior Secondary - 12th / 84.4 % Carmel Convent Sr. Sec. School (CBSE), Gwalior, India	2019 – 2020
Higher Secondary - 10th / 89.4 % Carmel Convent Sr. Sec. School (CBSE), Gwalior, India	2017 – 2018

Certifications

- DSA Specalization / **Coursera**
- Machine Learning with Python / **Simplilearn**
- Career Essentials in Software Development / **Microsoft & LinkedIn**
- Full Stack Development / **Udemy**
- Cloud Computing Essentials / **AWS Academy**
- Introduction to Industry 4.0, Industrial IOT, Foundation of Cloud/IOT/Edge/ML / **NPTEL**

Technical Skills

- **Programming Languages:** C, C++, Python, SQL, HTML5, CSS3, JavaScript
- **Databases:** MySQL, SQLite, MongoDB, SQLAlchemy
- **Libraries & Frameworks:** Pandas, NumPy, Matplotlib, Flask, FastAPI, Django
- **Tools & Platforms:** Git, GitHub, Postman, VS Code, Jupiter Notebook, PyCharm, Docker
- **Concepts:** DSA, OOPS, Rest API, MVC architecture
- **Methodologies:** Software Development Life Cycle (SDLC)
- **Other Tools:** Figma, Canva (For UI Prototyping)

Internship

- | | |
|---------------------------------------|------------|
| TransVmatrix - Summer Training | Jun - 2024 |
|---------------------------------------|------------|
- Performed manual analytics for hook based approach on provided Data set.
 - Researched, observed, added curated data and validated the problem statement by picking out 20 useful inferences for **pitch deck/campaigning** - **MS Excel**.
 - Also Designed the Complete UI/UX of the web portal with interactive components - **Figma**

Projects

- | | |
|---|------------|
| Rock Paper Scissors Game
Tech Stack: <i>Python, FastAPI, MongoDB, HTML, CSS, JavaScript</i> | Feb - 2025 |
|---|------------|
- Developed an interactive web game with real-time interaction, sound effects, and live score updates.
 - Used FastAPI for the backend and MongoDB to store scores and game data.
- MentaSocial | Mental Health Aid Social Media App**
- Designed and developed a unique mental health-focused social media platform leveraging advanced technologies to provide personalized support and foster a positive online community.
 - Implemented Natural Language Processing (NLP) techniques, **AbstractiveSummarization**, and **Sentiment Analysis**
 - Used **Python** for scripting, **SQLite** for database management, **Django** for robust back-end development and **HTML5, CSS3, Js** for front-end.

Extra-Curriculum / Achievements

- 4-Star Coder in Python – **HackerRank**.
- 3-Star Coder in SQL – **HackerRank**.
- First Place in Avant Garde: Secured top position in an intra-college creative writing competition.
- Got shortlisted for the IIRS Outreach Programme by ISRO.
- **VOLUNTEERING** : C.I.D (Centre for Integrated Development) : Studied, analyzed and disseminated information on government programmes related to unorganised workers.