

Shreya Arora

I am a coder, a quick learner and a detail-oriented individual who has a passion for software development.



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EXPERIENCE

CAPGEMINI | SOFTWARE ENGINEER INTERN

Apr 2022 – Oct 2022 | New Delhi, India

- Revamped **analytics portal** of a finance-based application which led to unblocking of their metrics affecting **4000+ B2B clients** & decreased resource utilization by **27%** which led to an increase in successful job runs every **24 hours**.
- Collaborated with development team & developed a modular, customized assessment application integrated with powerful **data analytics & visualization tool** using **MEAN stack**.
- Tech Stacks : **Java, MySQL, Spring**

JPMORGAN CHASE & CO. | SOFTWARE ENGINEER INTERN

July 2021 – August 2021 | New Delhi, India

- Recognized the **datasets, implemented the code**, created charts for the **trader's reliability** on dashboards.
- Got familiarized with **JPMC frameworks** & SDLC fundamentals by making **open source contributions**.
- Tech Stacks : **Python, Git, TypeScript, React**

PYTHON SHIKSHA | AUTHOR

July 2021 – Sep 2021 | New Delhi, India

- Documented technical articles & how-to guides related to Python which increased views **100xtimes** on **Python Shiksha**.
- Researched, edited and reviewed the articles written by fellow authors.
- Tech Stacks : **Python, Data Structures**

PROJECTS

SHREE | PYTHON LIBRARIES, DJANGO FRAMEWORK, MYSQL

2020

- Created a **Personal Virtual Assistant** named "**Shree**" by integrating third-party applications which give shopping assistance, do e-mail & communication, gather information & much more.
- Contributed in developing, testing, deploying and maintaining software for better architecture.

DATA STRUCTURES AND ALGORITHMS VISUALIZER | JAVA, JAVA FX

2022

- Developed interactive visualization of popular algorithms based on a **thesis on Visualization of Sorting Algorithms** to develop a learning aid platform.
- Shows graphical depiction of specified algorithms & gives step-by-step execution.

BREAST CANCER DETECTION | PYTHON, TENSORFLOW, JUPYTER

2021

- Implemented a **Breast Cancer Detection** project under **Dr Darshan Ingle's** guidance by employing a classification machine learning algorithm which includes data analysis & creation of a data model.

ACHIEVEMENTS

- Achieved **top 1% rank** in **Geeks For Geeks Job-A-Thon Contest 2022** among other candidates
- Participated & gave proposal for **Google Summer of Code (GSOC) 2021**
- Secured **3rd position** in **EICT-IITK's Smart Hack 2021** hackathon at the college level
- **Finalist** in Accenture Innovation Challenge
- Contributed & received an award to **hacktoberfest2020**
- Participated in **Toycathon 2021** organized by the **Government of India** and its various ministries

SKILLS

TECHNICAL SKILLS

- Python, Django, Java, Spring
- SQL, JavaScript, React
- Git, SDLC, DSA, OOPs
- C++, HTML/CSS

SOFT SKILLS

- Strong communication skills
- Collaborative Team Member
- Adaptability • Creativity
- Self-Motivated • Proactivity

CERTIFICATIONS

- Python Certification
- Front End Development
- Microsoft AI Certification

EDUCATION

DEENBANDHU CHHOTU RAM UNIVERSITY OF SCIENCE AND TECHNOLOGY

B.TECH IN COMPUTER SCIENCE
Aug 2018 - July 2022