

# RAGHAV SHARMA

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## EDUCATION

|   |         |   |           |
|---|---------|---|-----------|
| Bachelor of Engineering in Computer Science and Engineering | 2021-25 | Thapar Institute of Engineering & Technology, Patiala | CGPA-8.21 |
| CBSE (Class XII)  | 2021    | Ryan International School, Faridabad                  | 95.8%     |
| CBSE (Class X)  | 2019    | Ryan International School, Faridabad                  | 95.6%     |

## INTERNSHIP

Software Engineer Intern, **Cyient Ltd**, Noida

June 2024 – July 2024

Cyient Ltd – Indian multinational technology company that provides engineering, manufacturing, data analytics, and networks and operations services.

- Collaborated with a team of 4 professionals to integrate **automation testing in the GIS applications**, enhancing geospatial data integrity.
- Initiated automated testing on geojson.io using **Selenium with the Mocha framework in JavaScript**, conducted comprehensive negative testing scenarios, and utilized the Mochawesome framework to generate detailed testing reports, reducing manual testing time by 50%.

## ACADEMIC PROJECTS

- Moto-Makeover** | Unity, C#: Present
  - Developing a 3D Unity app for **customizing both the interior and exterior of various car models**
  - Enabling users to visualize post-customization car designs and share them with customization stores for accurate modifications; will improve customer satisfaction by 40%.
- Investment Recommendation System** | Python, NumPy, Streamlit, API: July 2024
  - Created an application that **recommends investment options and diversified portfolio** using **Yahoo Finance API**, achieving an 85% match accuracy.
  - Integrated a **virtual trading simulator**, that can increase user engagement by 40%, allowing them to practice trading without real money.

## SKILLS

- Programming Languages:** C, C++, HTML, CSS, Javascript, Python, SQL, R, C#
- Libraries/Frameworks:** Tailwind CSS, Pandas, Numpy, Selenium, Mocha
- Tools / Platforms:** Github, VS Code, Visual Studio, PyCharm, R Studio, AWS, Google Colab, Jupiter Notebook, Linux, Unity
- Database Skills:** SQL (queries, procedures, functions)
- Machine Learning:** Knowledge of basic algorithms and frameworks
- Relevant Coursework:** Data Structures & Algorithms, **Financial Derivatives**, DBMS, OOPs, Operating Systems, Cloud Computing

## EXTRA-CURRICULAR & LEADERSHIP

- Secured a **97.60 percentile in Round 1** of the Naukri Campus Young Turks contest, advancing to Round 2 and achieving top ranks: **240 in Accounting & Finance, 1389 in Data & AI, and 3620 in Coding**.
- Participated in BlackRock Hackathon - Hacknight'24, where our team achieved a **top-50 shortlist among numerous competing teams**.
- Awarded the Ryan Prince Academic Award in Class 10 for achieving a score of 95.6%.
- Served as **Captain of the Cricket team** for the COSE branch at Thapar University.
- Participated in the 2017 Inter-School Cricket Tournament, where our school team secured the runner-up position.
- Participated in an MBA cultural event and **won the photography competition**.
- Rotaract Club - Joint Secretary**, Thapar University (Dec 2021-July 2023)
- Fine Arts & Photography Society - Vice Photography Head**, Thapar University (Dec 2021-July 2023)
- MUDRA Cultural Society - Multimedia Head**, Thapar University (Dec 2021-July 2023)