

# Pragya Vijay

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## SKILLS SUMMARY

- **Languages:** Python, Java, C++, HTML, CSS, Javascript, SQL, R
- **Tools and libraries:** Numpy, Pandas, Google Colab, MySQL, Java servlet, MongoDB, Tableau
- **Soft Skills:** Leadership, Teamwork, Time Management, Communication, Adaptability

## EDUCATION

- **Lovely Professional University**  
*Bachelor of Technology - Computer Science and Engineering; CGPA: 7.15*  
**Courses:** Object Oriented Programming, DSA, Computer Networks, Operating Systems, DBMS  
Jalandhar, Punjab, India  
August 2022 - May 2026
- **DAV Public School**  
*Senior secondary; Score: 93%*  
**Courses:** Computer Science, Mathematics, Chemistry, Physics  
Ranchi, Jharkhand, India  
April 2020 - May 2021

## PROJECTS

- **Helping Hand (June `24 – July `24)**
  - Developed a Java servlet backend project for a website hosting people to donate for NGOs.
  - Acquired skills on schema for the project that includes user authentication, donation tracking, payment integration, scalability.
  - **Tech used:** HTML, CSS, Javascript, SQL, JAVA servlet (**Purpose:** To learn more about servlet.)
- **Uber Data Analysis: (August `24 – September `24)**
  - Developed and deployed a ML algorithm analysis on predicting the rise and fall of ride price.
  - Learned skills while developing the project that includes data processing, cleaning, model training, feature engineering.
  - **Tech used:** Python (**Purpose:** Learning and exploring machine learning algorithm.)
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## EXPERIENCE

- **Full Stack Development with java @IBM (AllSoft) (June `24 – July `24)**
  - Gained proficiency in both front-end (HTML, CSS, JavaScript, React) and back-end (Java) development.
  - Completed multiple projects and labs, building a portfolio that showcases real-world application of skills.
  - Learned to deploy and scale applications using cloud-native tools like containers, kubernetes, and microservices.
- **Data Visualization: Empowering Business with Effective Insights @TATA (Forage) (July `24)**
  - Delved into how data is used by companies in real life.
  - Worked on data cleaning, analysis, visualization and presentation with tableau.
- **Python and Mathematics for Data Science @NPTEL (August `24 – October `24)**
  - Acquired skills in Python programming, including data manipulation and analysis using libraries like NumPy, Pandas, Matplotlib, and Seaborn.
  - Gained a solid understanding of essential mathematical concepts such as statistics, and probability, which are crucial for data science

## MOOCS

- **Data Science: Foundations using R**
  - Gained foundational knowledge in data science, focusing on data manipulation, statistical analysis, and visualization using R programming.
- **Excel Skills for Business**
  - Developed advanced Excel skills, including data analysis, visualization, and complex functions to enhance business decision-making.
- **Generative AI with Large Language Models**
  - Explored the principles and applications of generative AI, focusing on the development and deployment of large language models.
- **ChatGPT Advanced Data Analysis**
  - Learned to leverage ChatGPT for sophisticated data analysis tasks, including data preprocessing, model training, and result interpretation.
- **Generative AI Primer**
  - Acquired a comprehensive understanding of generative AI concepts, including the basics of neural networks and the practical applications of generative models.

## ACHIEVEMENTS

- **Capture The Flag: GDSE**
  - Bagged first position in CTF challenge by Google Developer Club
- **Centre For Professional Enhancement: Lovely Professional University**
  - Secured first position in writing competition on topic emotional manipulation and managements

## EXTRACURRICULAR

- **Participated and competed in anthologies**
  - Participated and won in writing competitions (online and in university)
- **A student member of Google Developers Club (GDSE)**
  - Attended many seminars and hackathons on topics such as web development, women in STEM, CTFs
- **Volunteered in NGO (Meenakshi Shiksha Samiti)**
  - Taught mathematics and computer in a government school.
- **Joined seminars and workshops**
  - Acquired a solid base for concentration play, writing, speaking, logical abilities, communication skills.