

PRIYA KUMARI

Data Scientist | IIT Guwahati Certified | Python & Machine Learning Enthusiast

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EXPERIENCE

Associate Software Engineer

Capgemini.

📅 July 2022 – Jan 2024

📍 Bangalore

- Worked with the **quality assurance team** to manually test new features, identify bugs, and ensure functional accuracy across multiple sprints.
- Developed and executed automated test scripts using **Selenium WebDriver with Java** to validate core functionalities, resulting in improved test efficiency and coverage.
- Improved **test automation processes** by approximately 20% by optimizing test cases and incorporating reusable functions.
- Performed **regression testing** and verified defect fixes to ensure application stability during new releases.
- **Managed test data** and wrote test cases for complex **backend APIs and UI flows**, ensuring comprehensive coverage.
- Enhanced the **test execution speed** by 10% through effective use of automation frameworks and code optimization.
- **Technologies Used:** Python TestNG, C/C++, Manual Testing, Git, SQL, Agile, Jira.

Project Management Intern

Fuel Organization

📅 Jan 2022 – Mar 2022

📍 Mohali

- Coordinated project tasks and data workflows with a cross-functional team of 50+ members.
- Assisted in collecting and analyzing performance data for interview-problem testing modules.
- Created dashboards and reports to evaluate project metrics and process efficiency.
- **Technologies Used:** Python, Excel, C++, Project Management Tools.

EDUCATION

Certificate in Data Science & Machine Learning

IIT Guwahati (E&ICT Academy)

📅 2025

📍 Guwahati

- Covered comprehensive modules in **Python Programming, Statistics, Linear Algebra, and Data Visualization**.
- Gained hands-on experience with **Machine Learning algorithms** — Regression, Classification, Clustering, and Time Series Forecasting.
- Learned tools such as **NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn, TensorFlow, Power BI, and Tableau**.

Bachelor of Technology (B.Tech) in Electrical Engineering

IK Gujral Punjab Technical University

📅 2018 - 2022

📍 Punjab

🎓 CGPA: 7.39

TECHNICAL SKILLS

- **Programming:** Python, C++, SQL, R (Basics)
- **Data Science:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn, TensorFlow
- **Machine Learning:** Regression, Classification, Clustering, Feature Engineering
- **Visualization Tools:** Excel
- **Database:** MySQL
- **Version Control:** Git, GitHub
- **Project Management:** Jira, Agile, Scrum
- **Web Technologies:** HTML, CSS

PROJECTS

Retail East Connected Customer

- **Duration:** October 2022 – March 2023
- **Role:** Analyst/Software Engineer
- Spearheaded the TFTP project, facilitating **seamless server-client file transfers**.
- Developed and optimized TFTP protocols using **Ubuntu and C++**.
- Conducted **functional testing** to ensure core functionalities of TFTP, including successful file read operations (RRQ) and file write operations (WRQ) on the server.
- **Technologies used:** C++, Ubuntu, TFTP

HopeWare

- **Duration:** May 2023 – January 2024
- **Domain:** Healthcare
- **Client:** MediBank, Melbourne
- **Technologies:** Automation, Jira, GIT
- **Role:** Analyst/Software Engineer
- Developed extensive test cases covering diverse functionalities.
- Contributed to code reviews and refactoring within the peer-to-peer review process.
- Performed feature testing and wrote test cases for the new modules.
- Involved in manual testing across multiple browsers (IE, Chrome, Firefox).
- Performed functionality and regression testing for new builds.
- Expertise in maintaining and updating scripts after regression testing.

ACHIEVEMENTS

- Participated in **NSS (National Service Scheme)** activities for community development.
- Won **Bronze medal** in Chess and Volleyball competitions.
- Secured **3rd position** in E-Cell competition.

AREAS OF INTEREST

Machine Learning

Data Analytics

AI Applications

Business Intelligence

Statistical Modelling