PRIYA CHOWDHURY

Software Development Engineer

📞 +918420884287   @ priyachowdhury06583@gmail.com   🔗 Priya Chowdhury | LinkedIn

SUMMARY

Certified Software Engineer skilled in data visualization, backend development, and cloud technologies. Experienced in automating processes and creating engaging applications to boost efficiency. Dedicated to continual learning and advancing fintech software solutions.

EXPERIENCE

Software Development Engineer II
S&P Global

📅 10/2025 - Present   📍 Gurgaon, Haryana

- Drive enhancements on an investment management platform, elevating functionality for portfolio managers, traders, and compliance officers
- Refined codebase, resolved critical bugs, and streamlined workflows by automating processes using React, C, and .NET, resulting in improved platform reliability and developer productivity

Software Development Engineer I
S&P Global

📅 07/2023 - 10/2025   📍 Gurgaon, Haryana

- Designed and delivered high-impact Power BI dashboards that centralized team progress tracking.
- Improved decision-making accuracy by 15% through enhanced operational transparency.

SKILLS

Microsoft Power BI	SQL	ReactJS	.NET	HTML
CSS	C/C++	C#	Python	JavaScript	PostgreSQL
Tableau	Data Structures	OOP	AWS

EDUCATION

Master of Computer Applications (MCA)
National Institute of Technology, Tiruchirappalli

📅 2020 - 2023   📍 Trichy, Tamil Nadu

- CGPA: 8.07

Bachelor of Science in Physics (H)
Barrackpore Rastraguru Surendranath College

📅 2016 - 2019   📍 Wbsu, West Bengal

- Percentage: 76.38

Higher Secondary Education
Barrackpore Girls' High School

📅 2014 - 2016   📍 Barrackpore, Kolkata

- Percentage: 87.40

Secondary Education
Ramkrishna Vivekananda Mission Vidyabhavan

📅 2013 - 2014   📍 Barrackpore, Kolkata

- Percentage: 89.43

ACADEMIC PROJECTS

Medical Insurance Cost Predictor

📅 08/2022 - 09/2022

🔗 https://github.com/Priya077/InsuranceCostPredictor

- Improved cost accuracy by 20% using Random Forest Regression for predictions.
- Improved data management efficiency by 30% by developing a user data entry website.

Movies Hub

📅 04/2022 - 05/2022

🔗 https://github.com/Priya077/moviesHub

- Increased user engagement by 30% by developing a React JS app for discovering and favoring trending movies.
- Users can sort favorites by popularity, genre, and ratings.
- Users can search for movies by name.
- Data is fetched from the TMDB API.

CERTIFICATION

Microsoft Certified: Power BI Data Analyst Associate
Link

Google Data Analytics
Link

AWS Certified Cloud Practitioner
Link

KEY ACHIEVEMENTS

🎖️ **Hackathon Runner-Up**
Secured second position in S&P Global low code/no code hackathon.

🎖️ **Technical Symposium Runner-Up**
Achieved runner-up in Agamya technical symposium event.

💎 **NIMCET High Rank**
Earned All India Rank 6 in NIT MCA entrance test.

VOLUNTEERING

Girls Who Code
S&P Global

📅 2024 - 2025

Empowering young talents and investing in the future generation of tech leaders by providing guidance and support throughout their journeys.

Website Development Team
NIT Trichy

📅 2021 - 2023

Enhanced and directed website improvements for Dept. of Computer Applications, NIT Tiruchirappalli.