

PRIYA CHOWDHURY

Software Development Engineer

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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

08/2022 - 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

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

EDUCATION

Master of Computer Applications (MCA)

National Institute of Technology, Tiruchirappalli

08/2020 - 05/2023 Trichy, Tamil Nadu

- CGPA: 8.07

Bachelor of Science in Physics (H)

Barrackpore Rastraguru Surendranath College

08/2016 - 05/2019 WBSU, West Bengal

- Percentage: 76.38

Higher Secondary Education

Barrackpore Girls' High School

08/2014 - 05/2016 Barrackpore, Kolkata

- Percentage: 87.40

Secondary Education

Ramkrishna Vivekananda Mission Vidyabhavan

08/2013 - 05/2014 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

08/2024 - 05/2025

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

08/2021 - 05/2023

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