ASHMI BANERJEE

Doctoral Candidate TU Munich

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85748 Garching,
Germany.

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SKILLS

Python LaTeX ReactJS
FastAPI Docker Git

Bengali: Native

English: Full professional proficiency

German: Limited working proficiency (B2)

AWARDS

[2023] **Google Developer Expert Community Award (Rising Star),** Google

[2023] **Women Who Code Applaud Her Awards (Data Science),** Women Who Code Global

[2023] **Women Who Code Applaud Her Awards - 100 Technologists to Watch,** Women Who Code Global

[2022] **DevelopHER Awards 2022 (Emerging Talent),** DevelopHER, UK

MISCELLANEOUS

[Since 2025] **Workshop Organizer,** LLM4Good @ UMAP'25, RS4SD @ CIKM'25

[Since 2024] **Reviewer,** RecSys conference, Workshops (RecSoGood, FaccTRec), Journals (Springer Information Systems & Tourism, KnoSys)

[Since 2023] **Machine Learning GDE,** Google Developer Expert

[Since 2023] **Organisation Committee,** ACM Women in RecSys

[Since 2022] **Global Ambassador,** Google Women Techmakers

EDUCATION

PhD. Computer Science | Technical University of Munich

📅 09/2022 - present   📍 Munich, Germany

- Focusing on Tourism Recommender Systems
- Supervised by Prof. Dr.-Ing. Jörg Ott and Dr. Wolfgang Wörndl

MSc. Informatics | Technical University of Munich

📅 10/2016 - 09/2019   📍 Munich, Germany

- GPA: 1.9/5.0 (German Scale)

B.Tech Computer Science & Engineering | Heritage Institute of Technology

📅 08/2012 - 08/2016   📍 Kolkata, India

- GPA: 9.14/10.00

PROFESSIONAL EXPERIENCE

Deutsche Telekom AG

📅 07/2020 – 08/2022   📍 Bonn, Germany

- 02/22 – 08/22 — Data Scientist @ Deutsche Telekom Außendienst Technologies: Python, Hadoop, Spark
- 07/20 – 01/22 — Start up! Trainee, Board Area Technology & Innovation (VTI)

Experteer GmbH

📅 11/2019 – 05/2020   📍 Munich, Germany

- Software Engineer in Machine Learning
- Technologies: Python, SQL, AWS, MongoDB, Ruby on Rails, Elastic Search, Kibana, RabbitMQ

Previous experiences are summarised at https://ashmibanerjee.com/cv

SELECTED PUBLICATIONS

[2025] ***SynthTRIPs: A Knowledge-Grounded Framework for Benchmark Query Generation for Personalized Tourism Recommenders***, Ashmi Banerjee, Adithi Satish, Fitri Nur Aisyah, Wolfgang Wörndl, Yashar Deldjoo, In Proceedings of SIGIR '25, July 2025; https://doi/10.1145/3726302.3730321

[2025] ***Modeling Sustainable City Trips: Integrating CO_2e Emissions, Popularity, and Seasonality into Tourism Recommender Systems***, Ashmi Banerjee, Tunar Mahmudov, Emil Adler, Fitri Nur Aisyah, and Wolfgang Wörndl, Springer Journal of Information Technology and Tourism, January 2025 https://doi.org/10.1007/s40558-024-00303-1

Complete list of publications can be found on Google Scholar