

Sarthak Matlotia

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SKILLS SUMMARY

- **Languages:** C++, JavaScript, HTML, CSS
- **Frameworks:** Bootstrap, React
- **Tools/Platforms:** MySQL
- **Soft Skills:** Problem-Solving Skills, Team Player, Communication, Project Management, Resilience, Fast Learner

EXPERIENCE

- Mastercard Cybersecurity virtual experience program on Forage - August 2024
 - Completed a job simulation where I served as an analyst on Mastercard's Security Awareness Team
 - Helped identify and report security threats such as phishing
 - Analyzed and identified which areas of the business needed more robust security training and implemented training courses and procedures for those teams
- Tata Cybersecurity Security Analyst Job Simulation August 2024
 - Completed a job simulation involving identity and access management (IAM) for Tata Consultancy Services, collaborating with a Cybersecurity Consulting team.
 - Acquired expertise in IAM principles, cybersecurity best practices, and strategic alignment with business objectives.
 - Delivered comprehensive documentation and presentations, showcasing the ability to communicate complex technical concepts effectively.

PROJECTS

- **Hotel Recommendation System:** May 2024
 - Developed a hotel recommendation system utilizing Machine Learning and Flask.
 - Incorporated Machine Learning algorithms to suggest hotels based on user preferences.
 - Implemented Flask to create a responsive and interactive web interface.
 - Technologies used: Artificial Intelligence, Machine Learning, Flask.
 - Use case: Delivered personalized hotel recommendations to users based on specified attributes.
- **PG Life website:** Aug 2022
 - Developed the "PG Life" website with 4 main features (Homepage, Property Details, Sign Up, Search)
 - Technologies used: PHP, HTML, CSS, Bootstrap.
- **Prediction Analysis on Trending Twitter Hashtags Using Machine Learning:** May 2023
 - Collected and processed data from 10,000 tweets to analyze trending hashtags.
 - Published paper received more than 100 downloads, listed in SSRN's Top Five download list.
 - Research Period: May 2023
 - Publication Date: April 2024
 - Institution: Lovely Professional University
 - Role: Data collection, Data pre-processing, Data Classification and Clustering
 - Journal: SSRN
 - Link: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4487088

ACHIEVEMENTS

- Paper titled "PREDICTION ANALYSIS ON TRENDING TWITTER HASHTAGS USING MACHINE LEARNING" listed on SSRN's Top 5 download list.

CERTIFICATIONS

- Web Development (Internshala) August 2022
- Data Structures and Algorithms (Geeks for Geeks) June 2024
- Introduction to Cybersecurity (Cisco) July 2024

EDUCATION

- **Lovely Professional University** Punjab, India 2020-2023
 - Bachelor of Computer Application CGPA: 8.00*
 - Favorite Courses:*** Object Oriented Programming, Data Structures
- **Viveka Foundations** Kangra, Himachal Pradesh 2017 - 2018
 - Intermediate; CPGA 6.2*
 - Favorite Courses:*** Mathematics, English, Multimedia & Web Technology
- **Shri Sathya Sai Senior Secondary School** Shimla, Himachal Pradesh 2014 - 2015
 - Matriculation CGPA 7.2*