



DEBANGAN MANDAL

DATA SCIENTIST

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- Debanan Mandal

SUMMARY

I'm a driven B. Tech student majoring in Computer Science and Engineering at Lovely Professional University. With 4 years of experience in programming languages like C, C++, Python, Java, and R. I possess strong problem-solving skills and a keen interest in programming. Whether collaborating in a team or working independently. I am committed to delivering high-quality results.

TECHNICAL SKILLS

Programming languages: C, C++, Java, Python, R-programming

Web Technologies: HTML5, CSS

Data Management: MySQL, Excel, Tableau prep, Tableau Desktop

Game Development: Blender, Unity 3D

MS AccessPlatforms: Linux, Window7 and Window 10.

CERTIFICATIONS

- Advanced Python Programming-Box, Aug '22
- Tableau data handling, Coursera, Dec '22
- R programming, Coursera, Jun '23

EXTRA CURRICULAR ACTIVITIES

- Soft Skills, Foster School of Business, Feb,23
- Art of Time Management, Simon Fraser, Nov,22

CERTIFICATES

- Yoga At Home - Flexibility, Fitness, Strength & Weight Loss (06/2021 - 08/2021): Engaged in an online yoga course tailored to improve flexibility, fitness, and strength, fostering a holistic approach towards wellness and healthier lifestyle habits.
- Advanced Python Programming Course (06/2022 - 08/2022): Completed an intensive program on the E-Box platform, covering comprehensive topics including Object-Oriented Programming in Python, further enhancing proficiency in Python programming.
- R-Programming-Coursera (02/2023 - 06/23): Currently enrolled in a rigorous Coursera course focusing on R programming language, exploring its applications across various problem domains and projects, alongside hands-on experience with swirls.

PROJECTS

Banking System Development (07/2022 - 09/2022)
Domain: Python, GUI-based interface.

- Created a robust Banking System using Object-Oriented Programming.
- Implemented core functionalities: withdrawal, deposit, and money transfer.
- Added features for account creation, phone number management, and PIN setup.
- Designed an intuitive and user-friendly GUI for seamless navigation and usage.

Content-Based Movie Recommendation System (12/2023 – 02/2024)
Domain: Python, Natural Language Processing (NLP).

- Developed a content-based movie recommendation system utilizing NLP techniques in Python.
- Analyzed movie descriptions and user preferences to generate personalized recommendations.
- Incorporated NLP methodologies to extract and analyze textual features for enhanced recommendation accuracy.
- Implemented an intuitive interface for users to receive tailored movie suggestions based on their interests.

ACHIEVEMENTS

- Active Participation in Coding Competitions: Consistently engage in coding competitions on platforms such as LeetCode and HackerRank, honing problem-solving skills and algorithmic proficiency while consistently achieving commendable results.
- Databricks Certification: Certified in Databricks platform, showcasing advanced proficiency in big data processing, analytics, and management techniques, essential for driving data-driven insights and decision-making.
- Research Publication: Co-authored a research paper in the field of Data Science, contributing insights to advance knowledge in the domain and showcasing analytical and writing skills.

EDUCATION

B.Tech. in Computer Science June '20 - June '24
Lovely Professional University, Phagwara, IN
CGPA 7.31

Higher Secondar Jun '19 - Mar '20
B.D Jain Modern H.S School
Cooch Behar, West Bengal, IN
Percentage 73.6