

MD RUMAN

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PROFESSIONAL SUMMARY

As a Civil Engineering undergraduate, I specialize in Ground Information Systems, Machine Learning, and data analysis. My experience includes groundwater potential mapping, developing a cricket batting strike rate calculator, and an internship in influencer marketing. I'm skilled in statutory and financial reporting, QuickBooks, and have a strong foundation in IOT and management. My goal is to drive sustainable infrastructure development and apply my diverse skills to solve real-world challenges effectively.

Skills

Skill 1 - Civil Engineering, **Skill 3**- Python, **Skill5**- Teaching, **Skill 7**- Analytical Strategy,
Skill 2 - Auto cad 2d(Basic),**Skill 4**- Presentation , **Skill6**- Estimation, **Skill8**- Project Management,
Skill 9- Team Management, **Skill 10**- Time Management, **Skill 11**- Communication,
Skill 12- Power BI, **Skill 13**- Sports Analysis.

Languages

English ; Conversational & Written Proficiency,
Hindi ; Conversational Proficiency &
Bengali ; Fluent.

EXPERIENCE

Although I do not have any professional experience in the field, I have recently completed a Bachelor's Degree in Civil Engineering where I gained comprehensive knowledge of principles and practices.

Education

Bachelor of Technology Civil Engineering; CGPA: 7.819/10,
Graduation Year (2024),
Jain Deemed to be University,
Bengalore, Karnataka, India.

Class XII : Completed studies at Government Bangabandhu College, Dhaka Board, Bangladesh with GPA 3.92/5, 78.4% in 2019.

Class X : Completed education at Mirpur Government High School, Dhaka Board, Bangladesh with GPA 4.73/5, 94.61% in 2017.

PROJECTS/RESEARCH PAPER

Project-1 Groundwater Potential Zones Mapping Using GIS Tool.

1st June 2021-7th December 2023

- As a key team member, I contribute significantly by following guidance, conducting research, preparing reports and presentations, and supporting other team members.
- This project earned a certificate for its paper presentation at the Jnana-Chilume 6th Annual Series Convocation, Jain Deemed-to-be University, on November 27, 2023. It plays a vital role in improving water access for communities.
- This project employs GIS technology and data to create detailed location maps.

Project-2 Prediction of Ground Water Level Fluctuation Machine Learning.

1st October 2023- 11th May 2024

- As a team member, I play a key role in this project by adhering to guidance, conducting research, and handling reports and presentations.
- This innovative project received the Best Poster Presentation Award and IWWA approval, showcasing its potential for global groundwater monitoring.
- This project employs advanced machine learning to predict groundwater fluctuations, develops a model using groundwater level data, and features a website for easy groundwater level calculations.

Project-3 Cricket Batting Strike Rate Calculator Project IDX.

5th August 2024-25th August 2024

- As the creator of this project, I successfully developed the coding and executed the project with the guidance I received.
- This innovative project received the highest grade from Bolt IoT and provides an easy way to calculate cricket match statistics, such as batting averages and runs per ball.
- By using Google IDX and the Python programming language, the project was developed in a highly effective and efficient manner.

CERTIFICATIONS

- Certificate for Paper Presentation at Jnana-Chilume 6th Annual Convocation, Jain Deemed-to-be University, India.
- Certificate of Participation in Workshop on Interior Design using 3DS MAX,CAD CENTER IEE,India.
- Certificate of Participation in Awareness Workshop on Correct Masking and Vaccination Against COVID-19, Jain Deemed-to-be University,India.
- Certificate of Participation in Covid Care & Beyond, Jain Deemed-to-be University, India.
- Certificate of Participation in National Level Online Quiz on Cyber Security, Jain Deemed-to-be University, India.
- Certificate of Participation in IEEE X-plore Digital Library Online Contest, India Operation IEEE, India.
- Certificate of Participation in National Education Policy (NEP) 2020 Awareness Quiz,India Progya Institute of Education Research, India.
- Certificate of Participation in Front End Marathon A Beginner Series by Code-cademy, India.
- Certificate of Appreciation for Poster Presentation at Project Expo 2024, Department of Civil Engineering, Faculty of Engineering & Technology, Jain Deemed-to-be University, India.

- Certificate of Completion for Business Intelligence with Power BI Workshop from Skill Nation, conducted by Jatan Shah, India.
- Certificate of Achievement for 2nd National Level Quiz Program from Civil Education, India.
- Certificate of Participation from NIICE India & Global Values China, Nepal.
- Certificate of Appreciation for Successfully Completing the Zuno-Fellowship Program, India.
- Certificate of Participation in Scaler's Masterclass on Data Science: How to Land a Job Outside India.
- Certificate of Participation in Scaler's Masterclass on Up-skilling in Data Science Using Python, India.
- Certificate of Participation in Scaler's Masterclass on Transitioning from Non-Data Science to Data Science, India.
- Certificate of Participation in Scaler's Masterclass on Enhancing Your CV with AI & ML Projects, India.
- Certificate of Participation in Scaler's Masterclass on What It Takes to Be a Data Scientist at Microsoft, India.
- Certificate of Participation in Scaler's Masterclass on Data Science vs. Machine Learning vs. Artificial Intelligence, India.
- Certificate of Participation in National Space Day Quiz by ISRO and MyGov, India.
- Certificate of Participation in Har Ghar Tiranga Quiz by MyGov, India.
- Certificate of Participation in Insolvency & Bankruptcy Board of India & MyGov 5th National Online Quiz, India.
- Certificate of Participation in Eat Right Quest, MyGov, India.
- Certificate of Participation in JIM & WS, MOD & MyGov 1st National Online Quiz on Mountaineering, India.
- Certificate of Participation in Workshop on Core Engineering Departments at Jain Deemed-to-be University: Python (Prerequisite AI).
- Certificate of Participation at Jnana-Chilume 6th Annual Convocation from Jain Deemed-to-be University, India.
- Certificate of Participation from Linux World for Learn to Lead #13 Python Enablement Training, India.
- Certificate of Participation in Scaler's Masterclass on Low-Level Design of Payment Apps, India.
- Certificate of Participation Awarded for the Jnana-Chilume 6th Annual Convocation at Jain Deemed-to-be University, India.
- Certificate of Participation in Scaler's Masterclass on Top Design Patterns In Java, India.
- Certificate of Participation Freedom with AI Masterclass, India.
- Certificate of Participation in Scaler's Masterclass on HLD of Gaming Leaderboard for Games, India.
- Certificate of Participation in Scaler's Masterclass on Roadmap to become a Machine Learning Engineer, India.

ACHIEVEMENTS/AWARDS

- Store Listing Certificate, Google Play Academy
- Campus Ambassador, ZUNO BY FOUNDIT
- CR(Class Representative), Jain University

2nd September 2024-2nd September 2027
8th August 2023-15th August 2024
1st June 2021-2nd June 2023