SOURAV SINGH

CONTACT

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OBJECTIVE

I am looking for a position as a product developer in the organization where I can utilize my skills at understanding, building, testing and deploying product and the opportunity to upgrade my knowledge about the new and emerging trends in this sector.

SKILLS

- Cloud Technology
- Machine Learning
- Mainframe
- COBOL
- C++
- JCL
- Python
- SQL
- Ms - Excel (Data Validation)

EXPERIENCE

Cognizant Technology Solutions India
Programmer Analyst
30/07/2021 - Present

In ADM team:
1. Quality engineering and assurance work such as validate files and check if any issues occur or not then submit report to next team.
2. SQL developer.
3. Data validation and engineering using MS - Excel.

In ISG team:
1. Design online screen and written it's backend functions using CICS, COBOL, JCL and SQL.
2. Written batch operations code for same project use in online operations.
3. Status update in records in db2 using COBOL and embedded SQL.

EDUCATION

Veer Surendra Sai University of Technology
Bachelor of Technology (Civil Engineering)
8.69 CGPA
2017-2021

PROJECTS

Prediction of Mechanical Strength of Concrete using Machine Learning
An efficient implementation of machine learning model to predict compressive and tensile strength of high performance concrete (HPC).
Project link : https://100ravsingh.github.io/Btech_Final_Year_Project/

Ocean Waves to Water Desalination
In this project we have made an underwater buoy which act as reciprocating pump when sea waves pass over it. Using that wave energy driven the buoy which act as pump and produce optimum pressure for initiating reverse osmosis of sea water to produce fresh water.

ACHIEVEMENTS & AWARDS

✔ Winner of Smart India Hackathon 2020 Hardware Edition, Organised by AICTE (Govt of India).

✔ Kusuma Ratna Fellowship Member for Merit Students.

PUBLICATION

Evolutionary optimization of machine learning algorithm hyperparameters for strength prediction of high-performance concrete
This paper focused on design and development of machine learning applications, which predict compressive and tensile strength of high performance concrete from its constituents.
Publication link: https://link.springer.com/article/10.1007/s42107-023-00698-y

COURSES AND CERTIFICATIONS

Google Cloud Certified Cloud Digital Leader
Credential Link : https://www.credential.net/7688d66e-0677-4abd-8e80-d2c41e217cf4

Microsoft Certified: Azure Fundamentals (AZ 900)
Credential Link: https://www.credly.com/badges/7f907722-9d3d-43d7-9d2a-d3509f06fe07

Google IT Automation Certificate
Credential Link: https://www.credly.com/badges/280cf282-5c0a-49dc-8b4e-28537d5d58fb?source=linked_in_profile