# SOURAV SINGH

ss3225220@gmail.com @

+917809825441 📱

Near TCS ION Digital Exam Center, Bareipali Chowk, 📍
Sambalpur, Odisha 768006

https://100ravsingh.github.io/Sourav/ 🌐

https://www.linkedin.com/in/sourav-singh-574a82160 in

---

## OBJECTIVE

I am looking for a position as a product developer in the organization where I can utilize my skills at understand, build, test and deploy product and the opportunity to upgrade my knowledge about the new and emerging trends in the sector.

---

## EXPERIENCE

**Cognizant Technology Solutions**                                               30/07/2022 - Present
Programmer Analyst

**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.

**In ISG team:**

1. Design online screen and written it's backend functions using COBOL, JCL and SQL.

2. Written batch operations code for same project use in online operations.

3. Move to the ADM team.

**Cognizant Technology Solutions**                                               30/07/2021 - 30/07/2022
Programmer Analyst Trainee

**Deployed in ISG Team**:

1. Design online screen using CICS and write it's backend functions using COBOL, JCL and SQL.

2. Status update in records in db2 using COBOL and embedded SQL.

**During Training:**

Training in mainframe technology by getting theory knowledge and hands-on training of CICS, COBOL, JCL and DB2-SQL.

---

## SKILLS

`CAD Design and Simulations ( Fusion 360 )` `C and C++` `Python` `Data Structures and Algorithms`
`Mainframe System` `Machine Learning` `Cloud Technology ( Azure and GCP)`

---

## EDUCATION

**Veer Surendra Sai University of Technology, Burla**                                               2017 - 2021
Bachelor of Technology in Civil Engineering
8.69 CGPA

**Gangadhar Meher Junior College, Sambalpur**                                               2014 - 2016
+2 Intermediate Science
76.50 %

**Balika Vidyalay, Sambalpur**                                               2013 - 2014
Matriculation
9.80 CGPA

# COURSES AND CERTIFICATIONS

**Google Cloud Certified Cloud Digital Leader**
CREDENTIAL ID : VmgHFt
Issue Date : 16 Nov 2022
Expiration Date : 16 Nov 2025
Credential Link :  https://www.credential.net/7688d66e-0677-4abd-8e80-d2c41e217cf4

**Microsoft Certified: Azure Data Fundamentals (DP 900)**
Credential ID: I305-1139
Credential URL: https://www.credly.com/badges/cefa7ed0-fc05-4479-8108-25a4bc72d895

**Microsoft Certified: Azure AI Fundamentals (AI 900)**
Credential ID: I212-6476
URL: https://www.credly.com/badges/cf9ad1a5-1ee8-4e00-99f3-c8005b320400

**Microsoft Certified: Azure Fundamentals (AZ 900)**
Credential ID: I275-5924
URL: https://www.credly.com/badges/7f907722-9d3d-43d7-9d2a-d3509f06fe07

**Google IT Automation Certificate**
Credential ID: DKUAPYN4EKH2
Credential URL: https://www.credly.com/badges/280cf282-5c0a-49dc-8b4e-28537d5d58fb?source=linked_in_profile

# ACHIEVEMENTS & AWARDS

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

Kusuma Ratna Fellowship Member for Merit Students.

# 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). Two predictive algorithms  gradient boosting repressor (GBR) and extreme gradient boosting (XGBoost). The model is trained using XGBoost with genetic algorithm optimization to perform better than previous model developed yet.

**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.

Goals: Represent this project in Smart India Hackathon 2020 hardware edition, where our project win the grand finale of the event under sustainable energy category.

# ACADEMIC CLUBS AND SOCIETIES

**Idea Innovation Cell, VSSUT, Burla**
15-07-2018   -   28-06-2021
Product Designer
Designing the innovative products and test the model and prototype in the field and computer simulations using professional softwares and tools.

# LANGUAGES

English - Professional Fluency

Hindi - Good Fluency

Oriya - Good Fluency

# INTERESTS

Cricket

E-sports