Bishal Samanta

bishal1207200@gmail.com | 6291147934 | linkedin.com/in/bishal-samanta-882ab3284/

EDUCATION

MAKAUT
B.TECH IN ELECTRONICS AND COMMUNICATION ENGINEERING
August 2023 | Kolkata, India
CGPA:8.83

UTTARPARA GOVT. HIGH SCHOOL
HIGHER SECONDARY(CLASS XII)
March 2018 | Kolkata,India
Percentage:73

H.M. HIGH SCHOOL(CLASS X)
Feb 2016| Kolkata, India
Percentage: 85.57

LINKS

Github: https://github.com/bishal9095
LinkedIn:
https://www.linkedin.com/in/bishal-samanta-882ab3284/
Leetcode: https://leetcode.com/code_is_in_my_veins/

COURSEWORK

Data Structures and Algorithms
Computer Network
Object Oriented Programming
Computer Architecture
Web Technology
Artificial Intelligence

SKILLS

PROGRAMMING
Python • MySQL • Numpy • Keras
Tensorflow • Pandas • C / C++ • Linux •
Machine Learning • Data Preparation •
Data Visualization
Advanced Excel • Power BI
Node.js • React • CSS

LANGUAGES KNOWN

English,German,Bengali,Hindi

EXPERIENCE

JIO PLATFORMS LIMITED | Associate QA Engineer
Dec 2023 - Present | Mumbai, Maharashtra
- Leveraged SQL and data visualization techniques to analyze large datasets and identify critical field issues, resulting in targeted solutions and improved the performance of the devices by 20%.
- Developed and maintained automated frameworks using Python, reducing manual effort and boosting productivity by 35%.
- Utilized Linux and shell scripting to investigate and resolve critical issues in Jio devices, ensuring improved system stability and performance.

COGNIZANT TECHNOLOGY SOLUTIONS | PROGRAMMER ANALYST TRAINEE
May 2023-Nov 2023 | Kolkata, India

- Acquired in-depth knowledge of ETL (Extraction, Transformation, and Loading) processes in data warehousing, and successfully implemented a Hospital Management System using Talend and MySQL.

PLASMA ANALYSIS CENTRE & IMAGING SOLUTION | JUNIOR DEVELOPER
Dec 2022 - May 2023 | Kolkata, India
- Worked with a team of 4 people to develop their in house field tracking software for managing Sales and Blood Collector Team.
- Developed the Database and necessary APIs for the application, the Calendar class to keep track of the schedules of the field agents and the Front-end for a interactive usage.
- Also trained new receptionists, sisters and technicians to familiarise with their existing Lab Information Management Software (LIMS),Creliohealth.com Technologies Used: React Native MongoDB,Node.js,Express.js

PROJECTS

BRAIN TUMOR SEGMENTATION USING DEEP LEARNING
https://github.com/bishal9095/BrainTumor_Detection
- Created a Brain Tumor Segmentation model with an accuracy of 98.5%, using Brats Dataset, consisting of real MRI images of brain.
- Performance improvement techniques like adding Dropout layers, Feature Engineering were used.
- Technologies used: Python, Numpy, Google Colab, Pandas, Keras, Tensorflow

LIMS AUTOMATION
https://github.com/bishal9095/LIMS_automation
- Automated the process of fetching files from a web portal using Python and Selenium, and efficiently stored the extracted data into an Excel file, streamlining manual tasks and improving data management.

CERTIFICATIONS

2024	Data Visualization: Storytelling,LinkedIn Learning
2024	Data Literacy: Exploring and Describing Data, LinkedIn Learning
2024	Data Science Foundations: Fundamentals,LinkedIn Learning
2019	German A2 Certification, Deutsch Welle