

SAYANTAN PAL

+91-9830563114 sayantanpal2002@gmail.com linkedin/in/sayantan-pal-2787511b8 github/sayantan135
portfolio: sayantanpal Leetcode/sayantanpal2002 GeekforGeeks/palsayantan2002

Education

Institute of Engineering & Management, Kolkata

July 2020 – June 2024

Bachelor of Technology in Computer Science Engineering - CGPA - 9.17

Kolkata, India

Technical Skills

Languages: C, C++, Python, JavaScript, SQL
Developer Tools: Git and GitHub, PostgreSQL, MySQL
Frameworks: ReactJS, Flask, NodeJS
Platforms: VS Code, Ubuntu, Windows, AWS, Azure

Experience

IEM America and Smart Society

September 2022

Study Abroad Program

National University of Singapore, Singapore

- Devised 3 machine learning models for sentiment analysis, achieving an impressive average accuracy of 85%.
- Collaborated seamlessly with a cross-functional team to preprocess and analyze a dataset of 10,000 images.
- Assisted in generating basic reports summarizing experimental results and insights gained from initial model testing.

Verzeo EduTech

March 2021 – April 2021

Cloud Computing Intern

Remote (Bengaluru, India)

- Conducted thorough testing and troubleshooting of cloud infrastructure reducing downtime.
- Utilized Azure services, like Virtual Machines and Azure Functions to build and deploy 5 cloud-native applications.
- Collaborated with teammates to implement Azure-based solutions for improving system performance by 30%.
- Assisted in optimizing cost management strategies, leading to a 15% reduction in monthly cloud infrastructure expenses.

Projects

IEM-EDU-CHAT | GitHub: github.com/sayantan135/IEM-EDU-CHAT

January 2023

- Conceptualized and developed an innovative AIML-based academic chatbot, by predefined conversation patterns.
- Designed the user-focused interface with HTML and CSS, amplifying user experience and ensuring effortless navigation.
- Curated and integrated comprehensive 10+ academic datasets, including results, department details, and syllabi, ensuring accurate and up-to-date responses.
- Tech Stack:** Python, AIML, HTML, CSS

PostRunR | (LIVE) | GitHub: github.com/sayantan135/PostRunR

November 2022

- Created a robust backend system that efficiently handles requests, responses, and authentication mechanisms with a response time of 0.1 seconds.
- Crafted an elegant and intuitive user interface that simplifies organizing, and managing complex API requests.
- Tech Stack:** JavaScript, Bootstrap, HTML, CSS

Certifications

- AWS Cloud Practitioner Essentials
- IBM Machine Learning
- LFS101x: Introduction to Linux

Achievements

- Top 141/6000 - i.mobilothon 3.0 (Volkswagen Group Technology Solutions India) : October 2023 - November 2023
- Top 100/6000 - Rakathaon 2022 : July 2022
- Round 2 - Flipkart GRiD 4.0 SDE Challenge : July 2022

Position of Responsibility

- Microsoft Student Community - IEM Content Lead : August 2022 - July 2023
- Association for Computing Machinery - IEM Member : September 2021 - August 2022
- Codechef Student Chapter IEM Executive Member : August 2021 - July 2022

Extracurricular Activities

- Organiser - Open-source and MLH-backed hackathon DIVERSION 2023 : January 2023 - March 2023
- Content Lead - IEM-Model United Nation 2022 : September 2022
- Organiser - Open-source event DIVERSION 2022 : January 2022
- Volunteer - IEMPACT 2022 : March 2022