Subhranil Karmakar

Roll No.: 2028035
B. Tech
Computer Science and System Engineering
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 GitHub Profile
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Education

- **Kalinga Institute of Industrial Technology, Bhubaneshwar** *2020-2024*
  B.Tech in Computer Science and System Engineering — CGPA/Percentage: 8.97

- **Apeejay School Saltlake, Kolkata** *2020*
  CBSE, West Bengal — CGPA/Percentage: 90

- **Saint Francis Xavier School, Kolkata** *2018*
  ICSE, West Bengal — CGPA/Percentage: 90

Experience

- **HighRadius Technologies** *22nd May to 23rd June*
  Summer Intern Drive — Bhubaneshwar
  – Conducted machine learning predictions on customer order amounts utilizing regression techniques.
  – Developed and implemented a front-end application using React and Java, resulting in the successful creation of an AI-Enabled FinTech B2B Invoice Management Application.

- **HighRadius Technologies** *12th July May to 24th November*
  Paid Intern Drive — Bhubaneshwar
  – Acquired foundational knowledge of the operational dynamics of a Java-based Fintech company.
  – Demonstrated proficiency in working with technologies such as Spring, Struts, Hibernate, Docker, and Kubernetes.
  – Received and successfully executed assignments encompassing ECI Validation, Web Agent Walkthrough, and Scraping.

Personal Projects

- **Full Stack Grocery Store Management WebApp GitHub**
  A grocery store management application with a three-tier architecture: front end developed using HTML,CSS,JavaScript,Bootstrap. Back end implemented in Python using Flask, and MySQL for the database with a trained chatbot

- **Drowsiness Detection in Drivers GitHub**
  Implemented a project to assess drowsiness by comparing aspect ratio calculations of a driver's mouth, eye, and stitch positions against predefined thresholds. Promptly notifying the driver of detected intoxication or drowsiness

- **Uber Ride Analysis GitHub**
  Analyzed customer ride paths for booking patterns, destinations, arrival times, and ride purposes, assessing roundtrip booking feasibility based on patterns

- **Portfolio Website Website GitHub**
  Developed a responsive portfolio website for optimal employment presentation, featuring user-friendly feedback and contact forms

Technical Skills and Interests

Community Coding: 200+ Problems on LeetCode, 3 Star in CodeChef LeetCode CodeChef

Languages: Java, C++, C, HTML, CSS, JavaScript, Python

Skills: DSA, OOP, DBMS

Developer Tools: GitHub, VS Code, Jupyter Notebook, Linux, Bootstrap

Certifications: Amazon Web Services (AWS): AICTE NEAT, AWS Academy Graduate Drive

Cloud/Databases: AWS, MySQL

Soft Skills: Time Management, Leadership, Problem-solving, Work Ethic, Creativity, Teamwork

Conference Papers

IOT Solution for Cattle Healthcare Monitoring and Tracking IEEE Drive
Detection In Drivers IEEE Drive