

Abhiroop Mukherjee

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EDUCATION

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- **Indian Institute of Engineering Science and Technology, Shibpur** Howrah, India
Bachelor of Technology - Computer Science and Technology; CGPA: 9.64
Courses: Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networks
 - **Kendriya Vidyalaya Koliwada** Mumbai, India
10 CGPA AISSE, 2017; 96.2% AISSCE, 2019
March 2007 - June 2019

SKILLS SUMMARY

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- **Languages:** JavaScript, TypeScript, HTML, CSS, Java, Python, C++
 - **Frameworks:** React, ExpressJS, SuiteScript, UIF, TensorFlow, OpenCV, Scikit
 - **Platforms:** NetSuite, Google Cloud, Google Colab

EXPERIENCE

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- **Software Developer** July 2023 - Present
Oracle India Private Limited Hyderabad
 - Built and optimized ERP features across 6 SuiteApps deployed to approx. 3,500 companies using SuiteScript 2.x, UIF and SuiteQL.
 - Improved financial reporting performance of NFP SuiteApps by 20% and reduced large transaction dataset page load time from over a minute to 2 seconds (98% improvement).
 - Achieved Top 30 worldwide/Top 3 India in Oracle NetSuite's global AI hackathon with an LLM-based analytics chatbot.
 - **Flutter Developer** Jun 2022 - Jul 2022
EVE Healthcare Remote
 - Developed the company's mobile application using Flutter, contributing to ₹37,000 revenue on its launch day.
 - Collaborated with two colleagues to deliver a production-ready app that met all functional and business requirements.
 - **Project Intern** June 2022 - July 2022
Oracle India Private Limited Remote
 - Developed ERP features for the Transaction Line Distribution SuiteApp, currently deployed across approx. 500 customer accounts serving 600,000+ users.
 - Earned a Pre-Placement Offer (PPO) for strong performance.

PUBLICATIONS

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- **Detection of Cipher Types Using Machine Learning Techniques** Aug 2023
 - Achieved 96.72% classification accuracy across Caesar, Affine, Vigenère, Substitution, and Rail-Fence ciphers using multi-shot prompting on the OPT Transformer model.

POSITIONS OF RESPONSIBILITY

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- **Flutter Facilitator** Feb 2022 - Mar 2022
Google Developers Students Club, IIEST Shibpur IIEST, Shibpur
 - As a Flutter Facilitator, I conducted five sessions to provide hands-on experience on app development with Flutter.
 - During this period, I also managed a discussion forum to inform all participants regarding doubts and career opportunities.
 - **Media Lead** Aug 2021 - Jul 2022
Google Developers Students Club, IIEST Shibpur IIEST, Shibpur
 - As a Media Lead, my primary objectives are to make sure all the sessions are conducted smoothly, with proper recording and uploading of sessions to YouTube.
 - We have successfully conducted 40+ sessions smoothly and are available to watch on our YouTube channel.
 - **Video Production Manager** Jan 2021 - Jul 2022
CodeIIEST IIEST, Shibpur
 - Developed an easy-to-follow methodology for Recording, Editing, and Uploading the CodeIIEST Sessions to YouTube
 - **Video Editor** Sept 2020 - Jan 2021
Academic Society of Computer Engineers IIEST, Shibpur
 - Edited 12 ASCE Session Recordings of "The Tech Talk" using Premiere Pro, for YouTube Uploads