

Abhishek Makwana

Bachelor of Engineering

Information Technology

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🐙 GitHub Profile

🌐 LinkedIn Profile

EDUCATION

•Lok Jagruti Institute of Engineering and Technology, Ahmedabad

2021-25

Bachelor's of Engineering in Information Technology

ACHIEVEMENTS

•Global Rank 29 out of 33,112 Participants in CodeChef Weekly Contest 119.

2024

•All India Rank 338 out of 1,07,000 Participants in Codekaze Competetion.

2024

•Global Rank 2180 out of 20,402 Participants in Codeforces Weekly Contest 922

2024

•Rated 1725 on CodeChef, 1290 on Codeforces & 5-star on Hackerrank

2023

EXPERIENCE

•Web Development Intern

Jan 2024 - Present

Radical X

Online

- Collaborated closely with the development team to enhance website user interface (UI) and user experience (UX), resulting in a remarkable 20% increase in user engagement and a substantial 15% boost in user satisfaction scores.
- Played a key role in identifying and rectifying website bugs, contributing to a significant 30% reduction in critical errors, thereby enhancing the overall user experience.
- Conceptualized, proposed, and executed website enhancements, including improved search functionality and streamlined navigation. These initiatives led to a commendable 25% increase in website performance, ultimately improving user satisfaction.

•Software Engineering Intern

July 2023 - Dec 2023

JPMorgan Chase & CO (Virtual Experience)

Online

- Utilized JPMorgan Chase's open source library called Perspective to generate a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.
- Completed a simulation focused on the process of completing an engineering ticket for a system in the credit-card rewards department,implemented streamlined procedures that decreased ticket resolution time by 25%.
- Communicated effectively to surface progress, risks and help needed teammates.

TECHNICAL SKILLS AND INTERESTS

Languages: Javascript, Python, C/C++, SQL

Libraries :Nodejs, Pandas, NumPy, Matplotlib

Framework: React, Bootstrap

DataBase:MongoDB, SQL, Firebase

Tools: Git,Github, Postman, Jupyter Notebook

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Computer Science Fundamentals,DataBase Management System, Compiler Design

PERSONAL PROJECTS

•Data Compression - X101

File size reducing Software which Utilises Huffman Variable Encoding Algorithm to Compress Data Effeciently & losslessly

- Based on the magnitude of the data, it can achieve an impressive compression ratio of 50-70%.
- Implemented robust and maintainable code using industry best practices, emphasizing quality, simplicity, durability, and maintainability.

•Safe-Secure-Surf

Proficiently assesses the authenticity of shortened links on social media platforms like LinkedIn to determine phishing threats.

- Utilized Gradient Boosting Classifier to create a highly effective phishing link detection model with an impressive accuracy of 97.4, F1 score of 97.7, recall of 99.4, and precision of 98.6

•Desktop Assistant - Extremis

A voice Commanded Desktop Assistant that performs your Day to Day Task on a whim , Saving you precious Time

- By reducing average screen time by 80%, this technology reduces eye strain. It also provides comprehensive assistance for visually impaired users.