

Mohil Khare

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Education

K. J. Somaiya Institute of Engineering and Information Technology, Sion

Mumbai, India

BACHELORS OF TECHNOLOGY IN COMPUTER ENGINEERING

Aug 2018 - August 2022 (Expected)

- CGPA: 9.24/10.0

J. H. Ambani School, Lodhivali

Mumbai, India

ALL INDIA SENIOR SCHOOL CERTIFICATE EXAMINATION

Aug 2016 - July 2018

- Class 10: 9.8 CGPA | Class 12: 82.4%.

Skills

Languages C, C++, Python, HTML, CSS

Frameworks Django, Flask, React.js, Next.js

Database MySQL, PostgreSQL

Tools Agile, Git, Tensorflow, Docker

Non Technical Content Writing, Documentation, Presentation

Experience

SCHNEIDER ELECTRIC

Mumbai, India

DATA ANALYST PROJECT TRAINEE

April 2021

- Performed in-depth market analysis and evaluated the potential of the Waste to Energy (WtE) market in India.
- The analysis included web-scraping, plotting graphs and compiling the findings as a report and a presentation.

FINANCE LOOKUP ADVISORS

Mumbai, India

DATA ANALYST INTERN

June 2020 - July 2020

- Gathered insights on the startup culture of the nation and performed data visualization on self gathered and cleaned data using python libraries and Tableau.

Positions of Responsibility

COMPUTER SOCIETY OF INDIA - KJSIEIT CHAPTER

Mumbai, India

CHAIRPERSON

May 2021 - Present

- Managing a team of 105 and overseeing domains like technical, marketing, publicity, organizing, digital media and creative teams.
- Led the problem setting team and organized 2 global programming competitions - Feynwick and Heisenbug. Revamped the official website of CSI leading the development team of 15 to implement a modern, mobile-first and responsive design.

INFINITE LOOP - CODECHEF CHAPTER

Mumbai, India

EXECUTIVE MEMBER

August 2018 - Present

- Served as core problem setter for the flagship coding contest - Project Code. Gave the keynote in Algotalks - a Data Structure and Algorithms (DSA) - centric talk show.
- Developed the website for the club from scratch and hosted it online.

Academic Projects

PredictQ Developed an all-inclusive solution for hospitals for queue management and prediction of queue wait times using an on-line machine learning model. The website was developed using Django framework along with ChartJS and Bootstrap for front-end. Presented in Mastek Deepblue competition.

Descriptive Answer Checker Developed a web application to automate the descriptive answer checking process by using attributes like keyword, sub-sequence and length similarity. Used libraries like NLTK and tensorflow for matching the answers. Used linear regression to find teacher's inclination towards these attributes.

Covidaid Used Twitter API to fetch relevant tweets concerning need of oxygen, Remdesivir and other medicines in shortage. Developed on Django framework and used Bootstrap for front-end.

Whatsapp Chat-bot for Admission Enquiry Developed a guided chat-bot on WhatsApp for the institute which helps new student get information regarding the admission procedure. The platform used was Twilio using the development techniques of Alexa.

Certifications

2021	Problem Solving (Intermediate) , HackerRank skill assessment.	<i>HackerRank</i>
2019	How Google Does Machine Learning , Google	<i>Coursera</i>
2019	Introduction to Tensorflow for AI, ML and DL , deeplearning.ai	<i>Coursera</i>
2018	Python Bootcamp , Data Structures and Algorithm and data visualization libraries.	<i>Udemy</i>

Honors and Extracurricular Activity

2021	2nd Prize , VCET Hackathon Reloaded for College Recommendation System.	<i>Vasai</i>
2021	3rd Prize , VCET Hackathon for Agripool - A ride-sharing app for farmers.	<i>Vasai</i>
2021	4-star coder rated 1898 , Codechef	<i>Mumbai</i>
2021	Letter of Appreciation Recipient , For academic excellence in 2nd, 5th and 6th semester, serving as software admin and technical joint head at Computer Society of India.	<i>Mumbai</i>
2021	Featured Author and New Article Booster , wikiHow, co-authored 33 articles that garnered over 2 million views.	<i>wikiHaus</i>
2020	All India Rank 273 , Google Hashcode 2020	<i>Mumbai</i>
2017	All India Rank 1, International Rank 9 , International Cyber Olympiad by Eduheal Foundation	<i>Mumbai</i>