

AMAR SINGH

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Education

Thakur College of Engineering & Technology, University of Mumbai, India <ul style="list-style-type: none">Bachelor of Engineering (B.E) in Information Technology CGPA: 8.17/10 (<i>till sem 6</i>)	2018 - 2022
Matruchhaya College, India <ul style="list-style-type: none">HSC (Class XII), Aggregate: 70.62%	2017 - 2018
Tambe Education Society, India <ul style="list-style-type: none">SSC (Class X), 73.4%	2015 - 2016

Technical Proficiency

Languages: Java, Kotlin, C, JavaScript, C++, Python, HTML, CSS and PHP.

Database: MySQL, MongoDB, SQLite, Firebase.

Technologies, Tools, Frameworks: Data Structures and Algorithms, UI/UX, React.js, Node.js, Express.js, Android Studio, Git, Computer Networks, Cryptography, AWS(EC2/S3/RDS).

Internship Experience

TCET, Mumbai UI/UX Designing <ul style="list-style-type: none">Build and designed various web applications using Mockplus software.Evaluated on basis of affinity diagrams, low and high-fidelity diagram and understand visual element of UI.	June'20 – July'20
BaseCamp Digital Education Digital Marketing <ul style="list-style-type: none">Google Ads Fundamentals, marketing strategies, principles.Learned team management and presentation skill and our role was to prepare a SEO friendly shopping website and host in any platform and check traffic and make a report and understand the terminology of marketing.	June'19 – July'19

Projects

Cash Flow Simplify (view project) <p>A website as a visualizer for easy cashflow among group of peoples, friends etc. for cash settlement without worrying each transaction.</p> <ul style="list-style-type: none">Creating an iterative model and developing algorithm using Heap Data Structure for effective cashflow and reducing total transactions, for final cashflow.Dynamic generation for new unresolved problems and visualizing those problems and solution using Vis.Js.	March'21
Secure Messenger (view project) <p>A cryptography-based Android application to have secure communication between sender and recipient using AES, DES, RSA techniques for encryption and decryption.</p> <ul style="list-style-type: none">Encryption & Decryption based chat app.Private Key generationPassword generation using MD5.	Oct'20 – Dec'20
Art Gallery (view project) <p>An MERN stack-based web applications where artists can showcase their artworks.</p> <ul style="list-style-type: none">Authorization, Authentication functionality and Interactive UI was consideredAuthorized users can perform CRUD operations and can write comments to posts, and registered users who didn't posted any arts of own can-do comments only.	May'21-June'21

Academic and Extracurricular Achievements

- Published a Poster on Centralized Attendance Monitoring system for RMDD in IC-ICN-2020
- Participated in Android App Controlled Robotics workshop in EWPPC-2019.
- Presented idea on Nasa hackathon -Space Apps challenge Qualifiers.
- Specialization** in Introduction to scripting in python – coursera.org – Rice University

Positions of Responsibility

The Nazareth Foundation, Mumbai Covid-19 volunteer <ul style="list-style-type: none">Contributing in CovidWarRoom & VaxVolunteer project of foundation around state.Helping citizens who are unaware of technologies or not able to book their slots by own, through telephonic guiding and doing vaccination slot booking & providing essential services during this pandemic.	May'21 - Present
We Can We Will Foundation (Abhinavan Foundation), Mumbai EWT committee Member <ul style="list-style-type: none">Education team - Teaching and volunteering underprivileged children from age group 4 to 18.Overall community services, fun activities, engaging with kids & overall development.	June'19 – July'20