

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: 8.34/10 (<i>till sem 7</i>)	2018 - 2022
Matruchhaya College, Mumbai, India <ul style="list-style-type: none">HSC (Class XII), Aggregate: 70.62%	2016 - 2018
Tambe Education Society, Mumbai, India <ul style="list-style-type: none">SSC (Class X), 73.4%	2015 - 2016

Technical Proficiency

Languages: Java, C, Python, JavaScript.

Database: SQL, MongoDB.

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

Internship Experience

The Sparks Foundation, Mumbai <u>Mobile Application Development</u> <ul style="list-style-type: none">Built an android project using JAVA and SQLite which covers core fundamental concepts.Worked on a <i>Basic Banking Application</i> and <i>social Media Integration</i> project. (view project)	Aug'21 – Sept'21
TCET, Mumbai <u>UI/UX Designing</u> <ul style="list-style-type: none">Build and designed various web applications using HTML, CSS, JavaScript, Bootstrap and Mockplus UI software.Peer evaluation on basis of affinity diagrams, low and high-fidelity diagram, & understood visual element of UI.	June'20 – July'20
BaseCamp Digital Education <u>Digital Marketing</u> <ul style="list-style-type: none">Google Ads Fundamentals, marketing strategies, principles.Helped in website building, team management, presentation skill and built SEO friendly website using HTML, CSS and made into live server and generated a report and understood the terminology of marketing.	June'19 – July'19

Projects

Cash Flow Simplify (view project) <p>A cash settlement-based web application for reducing cashflows for handling the finances.</p> <ul style="list-style-type: none">Created an iterative model and developed algorithm using Heap Data Structure for effective cashflow i.e.by reducing total transactions, keeping balance before & after cashflow same.Built using HTML, CSS, JavaScript, PHP and Vis.js library.	Apr'20 - May'20
CryptoKing - 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 built in Java using base64.</p> <ul style="list-style-type: none">Symmetric & Asymmetric algo.Password generation using MD5 Hashing.	Oct'20 – Dec'20
Art-Gallery (view project) <p>A Node.js based end to end web application for sharing art-gallery campsite, places anything for camping lovers with added functionalities.</p> <ul style="list-style-type: none">Authorization, Authentication functionality, RESTful routes operations and Interactive UI was considered.Included different API's and platform like Clouinary, Mapbox etc., added set of dependenciesDeployed on Heroku.	Feb'21- May'21

Academic and Extracurricular Achievements

- Published a Poster & research paper on Centralized Attendance Monitoring system for RMDD in IC-ICN-2020.
- Participated in Android App Controlled Robotics workshop in EWPPC-2019.
- Participated in idea presentations on Nasa hackathon -Space Apps challenge Qualifiers.
- Programming in Java** – NPTEL, 2019
- Specialization** in Introduction to scripting in **Python** – coursera.
- TCET-ISTE Member, T-Spark Football.

Positions of Responsibility

The Nazareth Foundation, Mumbai <u>Volunteer</u> <ul style="list-style-type: none">Contributing in CovidWarRoom & VaxVolunteer project of foundation around state.Helping citizens, through telephonic guiding and doing vaccination slot booking & linking essential services.	May'21 – Aug'21
We Can We Will Foundation (Abhinavan), Mumbai <u>TCET-EWT committee Member</u> <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 for overall development.	June'19 – July'20