

# Tarun Sankhla

[tarunsankhla21@gmail.com](mailto:tarunsankhla21@gmail.com)

| 7738790093

| Marine Lines, Mumbai



## EDUCATION QUALIFICATION

**University of Mumbai**, Shah and Anchor Kutchhi Engineering College

- Bachelor of Engineering in Information Technology, Sep 2020 - Cumulative GPA: 8.57/10
- Jai Hind College**, Mumbai, Higher Secondary Certificate (HSC), Feb 2016 - Percentage: 78.62 %
- St. Sebastian Goan High School**, Mumbai, Secondary School Certificate (SSC), Mar 2014 - Percentage: 81.40%

## PROFESSIONAL EXPERIENCE

**Capgemini Technology Services India Limited**, Software Engineer, Mumbai Jan 2021 - ongoing

- Utilized GRPC APIs and C# to implement Automation of **Orbit Studio** Application, Swordfish, WPFEditor which are **Bently Nevada** operational products consumed by Baker Hughes.
- Consumed RESTful web services using HttpClient from different applications within the network.

**Bitkraft Technologies LLP**, Backend developer Nov 2020 - Jan 2021

- Utilized Cipher within NEO4j to implement graph databases for a relation between entities of the stock market specifically in NSE and BSE for Data Analytics.
- **Certification**: Recognized by **Neo 4j Graph Academy** for Professional level knowledge of Neo 4j.

**Harrier Information System Pvt. Ltd**, MEAN stack developer Dec 2019 - Jan 2020

- Developed dynamic customized register generation Web Module by using MEAN for **GOVEVA**, which generates form structure as needed.
- Utilized NPM (Node js) for **Web Scraping** data to convert into xlsx and JSON format.
- Led team of 7 students to collaborate & develop compliance register web module with MEAN stack Jun 2019 - Jul 2019 to create static pages used for data storage and compliance.

### Android Application Developer

- Revolux Solution PVT Ltd** (Jul-Oct/2020) --Utilized Balsamiq Wireframe to develop UI layouts & implemented Dynamic Multiple Auto Fragment Slider android for online shopping app **Supple**.
- April Innovations** (Aug-Nov/2018) --Utilized Android studio (Native) for developing interface layouts and partial activity for application function.

## PROJECTS / HACKATHON

**EQUINOX PARTNER LLC, (SYSTEM DEVELOPER)** Sep 2020 - Feb 2021

Developed an Android application for **AR magazines** that uses image targets on magazines and can be used for business marketing; Technologies and Tools used: Unity, ArCore, 3d Model, Node JS

→ **Publication**: "A Pragmatic Approach in Enhancing Health Care Industry Using Augmented Reality and Virtual Reality", **IEEE International Conference on Communication information and Computing Technology (ICCICT)**, June 25-27, 2021, Mumbai, India

**Management System (Sprint 2), CAPGEMINI training** Jan 2021 - Mar 2021

Led team of 5 to develop a Web Application wherein integrated .NET MVC & REST web API, tokens authorization using identity OWIN OAUTH Authorisation, integrated mail authentication, also utilized CSS, Bootstrap Lumen, JQuery.

**Innovation Idea Portal** ( Web application ). Feb 2019 - Mar 2019

Developed a Web Application in **SMART INDIA HACKATHON 2019** wherein the institute can hold hackathons and competition with which they can operate hackathons was developed using MEAN stack.

### Furniture Application based on Augmented Reality

Developed an android application(furniture eCommerce) wherein users can render a 3D model of furniture in real-time and the object simulates by plane inclination, light estimation of the environment.

- **Publication**: **Tarun Sankhla**, Raj Raval, Rushabh Shah, "Developing Markerless Augmented Reality for Furniture Mobile Application", (**IJEME**), Vol.11, No.1, pp. 11-18, 2021. DOI: 10.5815/ijeme.2021.01.02

## TECHNICAL SKILLS

- Node js, MongoDB, C#, Neo4j SQL Server, Android Application, ExpressJS, ArCore, Angular2.
- Application/IDE: Visual Studio, Neo4j, VS code, GitHub, Unity, Android Studio.

## CURRICULAR ACTIVITIES & CERTIFICATION

- Developed a task to-do application by using React js and Node js for scheduling and managing your task.
- Mentor for Student Leadership Program(**SLP**) at Indian Development Foundation (**IDF**) to teach a bunch of school students leadership skills. -- Feb 2019
- Been a part of Water Conservation project of '**Art of Living** ' NGO for mapping of water reservoirs in the state of Maharashtra (Google Earth Pro)
- Hosted Event for the Committee for Virtual Reality-Based Event for the college fest.
- Attended workshop to learn meditation, pranayama, yoga, and soft skills in 2019 organized by Vyakti Vikas Kendra India.