Tarun Sankhla

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EDUCATION QUALIFICATION

University of Mumbai, Shah and Anchor Kutchhi Engineering College
- Bachelor of Engineering in Information Technology, Cumulative GPA: 8.57/10   *7/2016 - 9/2020*
- **Relevant CourseWork**: Web Development, Application Development, Database Management Systems.Data mining.

PROFESSIONAL EXPERIENCE

Capgemini Technology Services India Limited, Software Engineer, Mumbai   *1/2021 - present*
- Utilized GRPC APIs, Javascript 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   *11/2020 - 1/2021*
- 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   ` *12/2019 - 1/2020*
- 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   *6/2019 - 7/2019* to create static pages used for data storage and compliance.

SKILLS & INTEREST

- **Technical:** Node js, React JS, Typescript, Angular, MongoDB, ExpressJS ,Neo4j SQL Server, ArCore.
- **Application/IDE/Tools:** Visual Studio, Neo4j, VS code, GitHub..

PROJECTS

Tangent UI - Component Library LIVE   *1/2022 - 3/2022*

Developed design system library for components used in web with Css, html and Vanilla JS. Utilized the components for developing web application.

Feetz - Ecommerce for Footwears LIVE   *2/2022 - 4/2022*

Developed React Web Application as a ecommerce platform for footwears. features include Cart Management,WishList Management, Authentication, Product List Page with search, Filter and Categories, Product Details Page.
Tech Stack use React Router, Context, Hook, Navigation, Mirage js, Private Routes.

Fleets - Video Application in React LIVE   *2/2022 - 4/2022*

React Web Application as in Video platform. features include Multiple Play list Management,History and Likes Management, Authentication, Video Explore Page with Search, Filter and Categories, VideoDetails Page.
Tech Stack use React Router, Context, Hook, Navigation, Mirage js, Private Routes.

EQUINOX PARTNER LLC, (SYSTEM DEVELOPER**)**   *9/2020 - 2/2021*

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

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

ACTIVITIES & HACKATHON

- Joined NeogCamp for upskilling into FullStack Developement and developed proof of work via projects
- 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.
- Mentor for Student Leadership Program(**SLP**) at Indian Development Foundation (**IDF**) to teach a bunch of school students leadership skills.   *-- 2/2019*
- 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 an event for the Committee for Virtual Reality-Based Event for my college tech festival.
- Extracted Linked Data by Utilizing Jupyter Notebook and Python Script for Scraping and Modelling data.