Tarun Sankhla

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EDUCATION QUALIFICATION

University of Mumbai, Bachelor of Engineering, 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 **GE** 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 a team to collaborate & develop compliance register web module with MEAN stack   *6/2019 - 7/2019* to create static pages used for data storage and compliance.

PROJECTS

SpaceVerse-Social Media Application LIVE   Stack- React,Context API, Redux, Firebase Storage and Auth.
- Developed React Web Application as a social media application wherein you post, connect, share with people.
- Features include Guest Login, Gauth, Follow/Unfollow, Explore Page with Filter and Sorting, Bookmark, Like,Unlike post.

Fleets - Video Application in React LIVE   Stack- React, Context API, Navigation, Mirage js, Tangent UI System Design
- React Web Application as in Video platform. features include Multiple Play list Management,History and Likes
- Authentication, Video Explore Page with Search, Filter and Categories, VideoDetails Page.

NitroScrum - Scrum Planner Application LIVE   Stack- React Router,Context API, Firebase Storage and Auth.
- Developed React Js Application for planing and retrospect projects.The tool helps project managers to get anonymous feedbacks from users to get sincere reviews from users without actually revealing their identities.
- Features such as Anonymous Signin, Time Limit on Dashboard. Hackathon Project and lead the team to finals.

NoteStore - NotesApplication in React LIVE   Stack- React, Typescript, Context, API, Mirage js, Private Routes.
- Developed a react application for Notes Management with features of Label Category, Search and Filter
- Incorporated Features such as Archive Notes , Trash Notes, Pin Unpin Notes and Modifying Notes.

Feetz - Ecommerce Application in React LIVE   Stack- React, Context,API, Mirage js, Tangent UI System Design.
- React Web Application as an E-commerce platform. features include Cart Management,Search and Filter Categories.
- Incorporated Features such as Authentication, WishList, Product Page, React Toastift

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

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

ACTIVITIES & HACKATHON
- Developed a Health Care based Application from Scratch in MEAN stack SehatEasy user base of 4k-5k   LIVE
- Furniture Application based on Augmented Reality Developed 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
- 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)
- Extracted Linked Data by Utilizing Jupyter Notebook and Python Script for Scraping and Modelling data.