

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 Scrapping** 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 Toolkit, 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, **Infinite Scroll**, Debounce.
 - Authentication, Video Explore Page with Search, Filter and Categories, VideoDetails Page, History and Likes
- 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 in top 3**.
- NoteStore - Notes Application 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**).

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.
- 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 Scrapping and Modelling data.