

MAHESH VENKATRAMAN

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CAREER OBJECTIVE

To work for an organization which provides me the opportunity to improve my skills, knowledge and meet organizations objectives and bring value through my skills and knowledge.

EDUCATION

College/University or Institution	Name of Degree	Month/Year of Passing	% of Marks/Grade
Xavier Institute of Engineering, Mumbai University	B.E. (Computers)	June-2019	8.21 (Semester 1-8)
SIES college of Arts, Science and Commerce, Mumbai	H.S.C	June-2015	85.38%
Swami Vivekanand High School, Mumbai	S.S.C	June-2013	89.45%

EXPERIENCE

Senior Software Developer – Freespace (November 2019 – Present)

- Started working as a Frontend Developer for the Signage Product, providing beautiful UI/UX to users with **optimized code** in **React.js** and adding essential features like **Navigation Assistant** **Wayfinding**, **search available spaces** which provided **real-time visibility** of available workspaces, resources with a design to improve productivity, efficiency, and information in the workplace.
- Built a resilient **Web App** product from scratch which is a hybrid solution for booking spaces effectively, which is used by **10,000+ users** over **40 major clients worldwide**. The frontend was developed in **React.js**, supported by backend Service developed in **Node.js** Server with **GraphQL** as a service to the WebApp. Involved in developing the **RESTful API** for **scheduling algorithm** and **allocation of a space**.
- Designed a complete **Serverless** project for **Shift Management** using **AWS Lambdas** with a **RESTful** backend service with **API Gateway**, **AWS serverless** to store and retrieve data from **MySQL** database with **Sequelize ORM**. This solution helped increase space usability by **70%** for the clients, as a single space can be used multiple times across different shift timings in a day, using **Rota** to schedule booking, **Projects** to create teams within departments.
- Worked across multifunctional teams. Worked collaboratively to design new features and improve existing features. Enabled **better practices** of unit testing using **Junit**, **Jest** and **Mocha**, **chai** frameworks, thereby reducing bugs and **improving productivity** by **60%**.

Internship - Full Stack Developer - Tunica Labs Pvt Ltd (May 2019 – November 2019)

- My project was to develop a **SaaS** product of an existing Tracking platform with a better user interface and functionalities.
- Created a beautiful dashboard with **Angular 7**, Material UI library and the backend service with **Nodejs Rest API's**.

TECHNICAL SKILLS

- JavaScript, TypeScript, GraphQL, Core Java Spring Boot, Node JS, AWS Serverless, Mongo dB, MySQL.
- React JS, Express, HTML, CSS Material-UI, Bootstrap Framework, Angular 7.

PROJECTS

- **Sentiment Analysis for Music player** - This is an android application for a music player which recognizes the emotion of the user and gives recommendation of a list of songs according to the emotion index. The main aim of this project is to provide a better user experience by saving time of the user to select their favorite songs by machine learning than using manual searching by the user. For this the inbuilt camera of the phone will scan the face of the user using HAAR cascade and plot points which return information.
- **Online E-commerce Website**: This website provides the user with the list of available products along with their ratings, user reviews, description and allows the user to purchase products online. It uses HTML, WordPress and JavaScript for frontend operations and uses PHP and MySQL for backend operations.

EXTRA CURRICULAR ACTIVITIES

- Attended National Level Workshop on IOT held by IIT Varanasi and Innovians Technologies held at Xavier's College.
- Participated in annual sports fest SPARX.
- Participated in annual college fest SPANDAN.

HOBBIES/INTERESTS

- Playing Football and Basketball, Reading books, Technology related blogs.

PERSONAL DETAILS

Name – Mahesh Venkatraman Vaidyanathan

Date of Birth – July 23rd, 1997

Gender – Male

Father's Name – Venkatraman Vaidyanathan

Languages Known – English, Hindi, Tamil

Nationality – Indian

Address – 14, Komal, plot no-86, 2nd road, chembur (EAST), Mumbai 400071.

DECLARATION

I hereby declare that all the above details are true to the best of my knowledge and belief.

(Mahesh Venkatraman)