

EDUCATION

Santa Clara University

Sep 2018 — Aug 2020

GPA 3.35/4

- Master of Science in Computer Engineering
- **Relevant Coursework:** Design and Analysis of Algorithms, Operating Systems, Secure Coding in C/C++, Database Management, Computer Networks, Web Architecture, Computer Architecture

NMIMS University

Jul 2014 — May 2018

GPA 3.0/4

- Bachelor of Technology in Computer Engineering
- **Relevant Coursework:** Object Oriented Programming, Software Engineering, Fundamentals of Web Technology, Distributed Computing, Unix Programming, E-Commerce, Implementation of Technology, Computer Graphics

Social Media: [LinkedIn](#), [Github](#)

TECHNICAL SKILLS

Programming Languages: **Java, C++, Python**Web Technologies: **HTML5, CSS3, Javascript, Node.js, React.js, Express.js**Database: **MySQL, SQLServer, MongoDB, Firebase**Frameworks: **React Native, SpringBoot, HtmlUnit, JUnit, EasyMock, JQuery, OpenCV, AJAX,**Software Tools: **Gradle, Git, Maven, AWS-EC2, Android Studio, Linux**

WORK EXPERIENCE

Software Developer 2 | Oracle America Inc. (Pleasanton, CA)

Apr 2021 – Dec 2023

- Spearheaded the development of a customer service web application using Oracle JavaScript Extension Toolkit (JET) and Java Helidon MP, resulting in a streamlined and intuitive user experience.
- Engineered robust and extensible REST APIs to facilitate seamless communication between various components of the application, enhancing overall system efficiency and responsiveness.
- Leveraged expertise in front-end development to create a virtual custom component within JET that can be reused across all projects within the org.
- Provided vital support in the deployment process using Kubernetes, ensuring smooth and reliable application deployment, scalability, and maintenance.

Software Engineer Intern | Frugal Innovation Hub (Santa Clara, CA)

Aug 2020 – Apr 2021

- Created a **React Native** application for Galapagos Chamber of Tourism.
- Used several Functionalities such as **hooks, Maps** and **Context**.
- Enabled Firebase as a Data Store to store images as well general information about the app.
- Created a Web Portal for the admin to make changes in the database.

Web Developer Intern | Admatazz Digital Marketing LTD (Mumbai, India)

Dec 2017 – Apr 2018

- Developed and managed the website of the company and hosted it on the company's domain.
- Constantly maintained various client's website to make it more presentable and reduced the loading pages of these websites with image compression hence improving website's efficiency and performance.

PROJECTS

TrackYourRun (React Native, Express.js, Node, js, MongoDB)

- Created a **MERN** fullstack application that helps you track your path whenever you walk, run or use a vehicle.
- Implemented Signup and Signin feature using password hashing and JSON Web Token to enable the user to be signed in, in their phone.
- Built **REST API** using Express.js to provide live updates of user's account information by exposing REST endpoints.
- Implemented several concepts such as hooks, Maps and Context

Covid Tracker (React.js, HTML, CSS, JavaScript)

– To visit the website, go to: www.covidonline.club

An interactive Website/App that tracks real time data of Covid-19 cases globally as well as according to countries.

- The data is fetched from an API and it is displayed on cards and different charts for better visualization.
- Implemented and Integrated different modules such as Chart.js, Material UI, React hooks, API data fetching.

Facial Recognition System (Java, Raspberry Pi 3)

A biometric Device which detects and recognizes faces of people and restricts access to unauthorized person.

Integrated the java code for detecting faces into the raspberry pi and the pi camera

- Developed and managed a database for authorizing user access
- Wrote and published a research paper from the learnings of the above project:

"Securing Smart Homes Using Face Recognition Techniques"

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