

VAIDEHI RAKESH SHAH

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EDUCATION:

Masters of Science, Computer Science,

California State University, Sacramento (GPA – 3.73/ 4.0)

Aug'19 – Dec'21

Bachelors of Engineering, Computer Engineering,

Gujarat Technological University- India (CGPA- 8.41/10.0)

Aug'15 – May'19

COURSE WORK:

Data Structure | Analysis and Design of Algorithm | Database Management Systems | Database System Design | Computer System Structure | Distributed Systems | Computer Forensics

SKILLS:

Scripting/ Programming Languages: C, C++, C#, JAVA, Python, PHP, JavaScript, Verilog

Operating Systems : Windows, Linux

Database: : SQL/MySQL, RDBMS, MongoDB.

Frameworks : Spring Boot, AngularJS, ReactJS, NodeJS, Bootstrap, .NET, AWS(EC2, RDS).

Tools: : Eclipse, IntelliJ, Git, Visual Studio, Android Studio, Postman

WORK EXPERIENCE:

Teaching Assistant – California State University, Sacramento

Aug'20-Present

- Assisting professor and teaching course: Intro. to programming concepts and methodology by developing course material and interacting with students in labs online to answer their question as well as grading the assignments and exams.

Software Engineering Intern [Full Stack] - SuperWorld Inc., Houston, TX, USA

Jun'20 – Aug'20

- Enhancement of the SuperWorld Website: Working on enhancing the map and the search feature of the company website using the **ReactJS+TypeScript, MapGL and DeckGL**. Also, implemented the design changes for the new website using the MaterialUI components.
- VirtyGo - The Virtual Networking Application: Working on building the virtual platform to connect to people of aligning interests using the tech stack – **MongoDB, ExpressJS, ReactJS, NodeJS** and worked on the UI building with the use of HTML, CSS and bootstrap.

Software Developer Intern (Indian Oil Corporation Limited, Gujarat Refinery, India)

Nov'18- Dec'18

- Worked on the project of 'Green Canteen' used for automating the Food ordering system and Food Management System using .NET MVC framework and MySQL database.

PROJECTS:

Let's Chat (HTML, CSS, JS, NodeJS, ExpressJS, Socket.io, Heroku)

July'20

- Developed the real-time chat application where in users can join a chatroom by specifying their name and chatroom. A chatbot notifies the user during an event of chatroom entry, new user and when a user exits the chatroom.
- Designed the application from scratch using modern JavaScript frameworks and implemented Socket.io for realtime chat functionality. Deployed the application on Heroku <https://vaidehi-chat-room.herokuapp.com/>

Covid19 Tracker (ReactJS, Firebase)

July'20

- Built a real-time COVID tracker website using ReactJS.
- Used Charts and material UI library to visualize the data and deployed the application using firebase. <https://covid19-tracker-20faa.web.app/>

Social Network (Android, AWS (EC2, RDS), MySQL, ASP.NET)

Jan'20 –May'20

- Developed an android app with social networking features like post sharing (with End to End Encryption), making friends and many more. Hosted the applications backend service on AWS.
- Developed REST API scripts in Visual Studio using Entity Framework.

AMC Service Desk (Spring Boot, AngularJS, Android, MySQL)

Sept' 18 - April'19

- Collaborated in a team to work on an industry defined project to replace existing paperwork by automation system to provide smooth and easy services to customer for their electronic appliances.
- The system contained 3 modules. Website for the admin and 2 separate android applications for other 2 users- technicians and customers.