JIMIL DESAI

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SUMMARY

- Full Stack Developer with experience in Application/Web Design and Development and building production-ready applications.
- Skilled in Data Structures and Algorithms, with an ability to work in fast paced environment and can quickly adapt to emerging technologies.
- Good communication and interpersonal skills, with an ability to work with a team and/or independently.

EDUCATION

School of Engineering and Applied Science, Ahmedabad University   2018-2022

Bachelor of Information and Communication Technology

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Computer Networks, Database Systems and Object Oriented Programming.

SKILLS

Programming Skills	C, C++, Java, JavaScript, Golang, Javascript, Shell, Python
Tools and Frameworks	ReactJS, NodeJS, AWS Serverless, MySQL, MongoDB, Docker, Kubernetes, Google Cloud Platform

PROJECTS

AWS Serverless Note-taking App   ReactJS, NodeJS,AWS Serverless

Personal Project

- Link: https://new-feature–scratch-notes-app-serverless.netlify.app/
- A note taking application that allows users to keep notes and upload a file. Front-end is built using ReactJS and deployed using netlify. Backend built with NodeJS using Serverless Framework. Implemented CRUD APIs and deployed on AWS with Continuous Integration and Development. (CI/CD)

Expense Manager   ReactJS, NodeJS, ExpressJS, MongoDB, VictoryJS

Personal Project

- Developed a full-stack Application using the 'MERN' stack, which allows user to perform CRUD operations on their expenses, with interactive pie chart and histograms to visualize expenses efficiently.

Algorithm Visualizer   ReactJS

Personal Project

- Dummy Project to visualize Graph and Sorting algorithms.
- Sorting visualizer visualizes 4 major sorting algorithms: Heap Sort, Bubble Sort, Quick Sort and Merge Sort to help users understand the working and the time complexity of these algorithms.
- Graph visualizer currently visualizes 2 shortest path algorithms i.e. Dijkstra and A-star algorithms. Added wall features used to block paths for the algorithm to find their way around the wall.

Messiah Chat Extension   SocketIO, ReactJS, Redux NodeJS, MongoDB

Hackathon Project

- Developed a Chrome Extension which when installed allows users to create/join chat rooms for that website.

SkiftOS   C, C++

Open Source (On-Going)

- Working on implementing Symmetric Multiprocessing Feature to the OS.
- Enabling multiprocessor multitasking to provide efficiency and better throughput for the OS.

EXPERIENCE

Essar India   June 2018 - July 2018

IT Intern   *Hazira, Surat*

- Responsible for analysis and comparative study of different Customer Relationship Management (CRM) Software based on the company requirements.
- Provided in-depth analysis of SAP and Salesforce systems in particular and studied the entire sales process of the company

Ahmedabad University   October 2019 - February 2020

Web Developer   *Ahmedabad, India*

- Designed, Developed and deployed the Annual Tech Fest website for School of Engineering and Applied Science.

ADDITIONAL POSITIONS

Ahmedabad University Website Making Competition   Project Mentor