

Sahil Velhal

Software Engineer



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WORK EXPERIENCE

Backend Developer Intern

Aantariksh Developers [Certificate] 🔗

03/2021 - 04/2021

Firebase, JavaScript

- Worked in Firebase Real-time database and Firebase Authorization
- Designed database schema as per system requirements

PERSONAL PROJECTS

TINY URL [GitHub] [Live] 🔗

- AWS Lambda, DynamoDB, NodeJS, Express.js, serverless-framework, HTML/CSS
- Developed a serverless web app to shorten the long URLs
- Created Lambda functions and invoked them with REST API through API gateway
- Stored key-value pairs of short Key & long URL in DynamoDB
- Utilized Serverless-framework to develop Lambda functions
- Functions: Shorten any URL & retrieve original URL from Shortened one

SOCIAL NETWORK [GitHub] 🔗

- NodeJS, Express.js, MySQL, HTML/CSS, Bootstrap
- Developed a full-stack Social Network
- Followed MVC design pattern
- Implemented CRUD operations in MySQL database
- Functions: Make posts, like, comment them, Connect with others

MEDICAL CONSULTATION BOOKING [GitHub] 🔗

- Flask, MySQL, HTML/CSS, Bootstrap
- Flask-mail module: receive mail after booking appointment
- AJAX to fetch booked appointments.

HACKATHON: FROST HACK - READ STORY [GitHub] 🔗

- Firebase, JavaScript, HTML/CSS, Bootstrap
- Developed full-stack web app which enables user to read any story
- Stored all the data in firebase real time database and firebase storage
- Used Dictionary API to display meaning of word and chart.js to display statistical data in graphical format

HACKATHON: HACKER-BASH - EASE-MY-BILL [GitHub] 🔗

- NodeJS, Express.js, MySQL, HTML/CSS, Bootstrap
- Developed a full-stack web app for vendors and customers interaction
- Performed CRUD operations in MySQL database

EDUCATION

BE - Information Technology

Don Bosco Institute of Technology

07/2018 - 07/2022

Major Courses

- Data Structures and Algorithms
- Operating Systems
- Computer Networking

Mumbai, India

SKILLS

Node.js

AWS Lambda

MySQL

AWS DynamoDB

MongoDB

Firebase

C/C++

Git

Postman

Python

JavaScript

HTML/CSS

ACHIEVEMENTS

CODECHEF 🔗

4 Star MAX Rating (1897)

CODECHEF - Nov Cookoff Div. 2 🔗

Global rank 71 among 6000+ participants

CODECHEF - March Long Challenge Div. 2 🔗

Global rank 521 among 14000+ participants

GOOGLE KICKSTART 2021 🔗

Round A Global Rank 3397 | Round C Global Rank 3857

GOOGLE HASHCODE 2021 🔗

Qualification Round Global Rank 4695

CODEFORCES 🔗

Participated in 80+ contest & solved 300+ problems

DEVFOLIO 🔗

Participated in several hackathons

CERTIFICATES

HACKERRANK - Intermediate Problem Solving 🔗

It covers topics of Data Structures (such as HashMaps, Stacks and Queues) and Algorithms (such as Optimal Solutions).

HACKERRANK - JavaScript Basic 🔗

It covers topics like, Functions, Currying, Hoisting, Scope, Inheritance, Events and Error Handling.

INTERESTS

Competitive Programming

Web Development