

Sahil Velhal

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Portfolio Link: <https://sahil-777.github.io>

EDUCATION

Don Bosco Institute of Technology

B.Tech
Information Technology
Mumbai, India
July 2018 – July 2022

PROFILE LINKS

LinkedIn: \\sahilvelhal
GitHub: \\Sahil-777
Codechef: \\thunderboltz_
Codeforces: \\thunderboltz
Devfolio: \\thunderboltz

SKILLS

PROGRAMMING

Languages:

- JavaScript • Nodejs
- C/C++ • Python

Databases:

- MySQL • MongoDB
- Firebase

AWS:

- Lambda • DynamoDB

Developer Tools:

- Git

CERTIFICATES

HACKERRANK

- Intermediate Problem Solving Certificate [\[Link\]](#)
- JavaScript Basic Certificate [\[Link\]](#)

GOOGLE HASHCODE 2021

- Qualification Round Global Rank 4695 [\[Link\]](#)

GOOGLE KICKSTART 2021

- Round A Global Rank 3397 [\[Link\]](#)
- Round B Global Rank 3857 [\[Link\]](#)

INTEREST

- Competitive Programming

EXPERIENCE

BACKEND INTERN | AANTARIKSH DEVELOPERS [\[Link\]](#)

March 2021 – April 2021 | Firebase, Vanilla JavaScript

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

PROJECTS

TINY URL [\[GitHub\]](#) [\[Live\]](#)

AWS Lambda, DynamoDB, NodeJS, Express.js, serverless, HTML/CSS, Bootstrap

- 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
- 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 following 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.

HACKATHONS

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

HACKER-BASH: EASE-MY-BILL [\[GitHub\]](#)

NodeJS, Express, MySQL, HTML/CSS, Bootstrap

- Developed a full-stack web app for vendors and customers interaction.
- Performed CRUD operations in MySQL database

ACHIEVEMENTS

COMPETITIVE PROGRAMMING

CODECHEF

- 4 Star – Max Rating 1897 [\[Link\]](#)
- Nov Cookoff Div. 2 : Global rank 71 among 6000+ participants [\[Link\]](#)
- March Long Challenge Div. 2: Global rank 521 among 14000+ participants [\[Link\]](#)