

# ADARSH SINGH

Full stack developer | Competitive Programmer

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## Education

**Thakur College of Engineering and Technology**

**August 2018 – May 2022**

*Bachelor of Engineering in Information Technology*

*Mumbai, Maharashtra*

## Relevant Coursework

- Data Structures
- Algorithms
- Front-end Development
- Database Management
- API Development
- UI Designing

## Experience

**Kaizen Globe**

**March 2021 – August 2021**

*Full Stack Development Intern*

*Mumbai, Maharashtra*

- Developed back-end APIs using Node.js and Express.js and implemented routes for user login, social login, profile, admin authorization, course details, blogs etc.
- Implemented front-end of applications using React.js with routing, authentication, authorization, data visualization using Chart.js
- Did hosting of websites using Heroku and C-panel
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.

**Programmers Army**

**May 2020 – Present**

*Full Stack Developer and UI Designer*

*Mumbai, Maharashtra*

- Assisted in development of the front end of a web application using the MERN stack.
- Worked and collaborated on Figma for UI designing of the web app.
- Led the front-end development team and collaborated with back-end team following the agile methodology.
- Implemented object-oriented programming practices such as inheritance to create different account types and databases.

## Projects

**Mental Health Manager** | *React.js, Node.js, Express.js, MongoDB,, Chart.js,, Heroku Google Cloud Console* **March 2021**

- A full stack application developed using the MERN stack
- Implemented restricted routing for logged in users as well as separate authorization for normal users and admin for the admin panel
- A mood tracker where mood fluctuation data is shown based on user input.
- Data visualization for percentage of completion of mental health courses as well as a personal diary. Data visualization is done using Chart.js
- A blog page with blogs listed in sorted order where editing and addition of new blogs can only be done by the admin

**Algorithm Visualizer** | *JavaScript, HTML, CSS*

**September 2021**

- Visual representation of various sorting algorithms based on randomly generated input as well as user input with user moderated speed of visualization
- Used JavaScript timeout functions to time the animation and CSS for styling purposes

**Crypto app** | *React.js, Chart.js, RapidAPI, ANT Design*

**October 2021**

- A simple application to watch various crypto currency statistics and news related to them
- Used React.js and ant design to build front-end and Chart.js for visualization of data provided from the crypto API.

## Technical Skills

**Programming Languages:** C, C++, HTML/CSS, JavaScript, React.js, Node.js, Express.js, MongoDB

**Developer Tools:** VS Code, Google Cloud Platform, Cloudinary

**Technologies/Frameworks:** GitHub, Figma, Heroku, WordPress

## Achievements

- ACM ICPC regionalist 2020
- 4 stars on CodeChef and 6 star in problem solving on Hackerrank
- 3rd rank in TCET code blasters coding contest 2020

## Leadership / Extracurricular

**TCET Coding Club**

**June 2020 – June 2021**

*Tech Lead*

*TCET Mumbai*

**TCET CodeChef Campus Chapter**

**June 2020 – June 2021**

*Tech Lead*

*TCET Mumbai*