

# ABHISHEK MITTAL

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## Education

### IIT DHARWAD

Minor in Computer Science and Engineering :8.10 CPI

Dec 2020 – April 2024

Dharwad, Karanataka

## Relevant Coursework

- Data Structures and Algorithms Analysis
- Database Management System
- MERN Stack Web and Android Development
- Machine learning and Deep learning

## Experience

### Syntheim | *AWS, Node, Express, Socket, WebRTC, MongoDB*

Sep 2022 – Feb 2022

Back-end Developer Intern

Remote

- Implemented a hosted backend solution on AWS using Lambda functions, DynamoDB, and S3 buckets.
- Optimized chat messaging efficiency through the development and testing of socket protocols.
- Utilized MongoDB, a NoSQL database, for tracking and storing user information.

### Better-Talk IND | *Node, Express, MongoDB, React Native*

May 2022 – August 2022

Android Developer Intern

Remote

- Assisted in development of the front end of a mobile application for iOS/Android using React Native framework.
- Worked with Redux-toolkit and handled local updates and async requests.
- Implemented OTP verification using email and Used JWT for generating token, bcrypt for hash password .
- Utilized Android Studio as a development environment in order to visualize the application in both iOS and Android.

### Trainity | *HTML, CSS, JavaScript, jQuery*

Sep 2022 – Dec 2022

Front-end Developer Intern

Remote

- Assisted in development of the front end of Web using HTML, CSS, JavaScript, jQuery and the Tailwind framework. which have 10,000+ live users
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.
- Wrote JavaScript code to schedule the program to execute automatically at 11 AM every morning to update Workshop WA link.

## Projects

### DOJU Android Application | *Google Cloud, AWS, Node, Express, React-Native, Redux-Toolkit*

December 2022 

- Hosted API's on AWS using Lambda functions and S3 buckets for maintaining the back-end server.
- Implemented fast filtering based on live location and integrated a Hindi-English language translator.
- Developed the front-end using React-Native and Redux-Toolkit.
- Utilized an S3 bucket to retrieve image URLs from the front-end.

### Stringar Social Web Application | *ReactJS, JavaScript, Tailwind, Bootstrap, HTML, CSS*

November 2022 

- Designed and developed a cutting-edge social chat and gaming application, Stringar, utilizing React, JavaScript, HTML, CSS, and Tailwind.
- Demonstrated exceptional full-stack web development skills to deliver a highly functional and visually appealing product
- Brought ideas to life by effectively combining design and technical skills to create a seamless user experience for end-users.

### Portfolio ReactJS, JavaScript, Tailwind, Bootstrap, HTML, CSS

May 2022 

- Designed and built a personal portfolio using ReactJS, JavaScript, Bootstrap, HTML, and CSS.
- Utilized modern web development technologies to create a visually appealing and user-friendly website.
- Published the portfolio on a live platform with a link to showcasing skills and experience.

## Technical Skills

**Languages:** C++, C, Python, Java, HTML, CSS, JavaScript, MySQL

**Developer Tools:** VS Code, Jupyter Notebook, Google Cloud Platform, Amazon Web Services

**Technologies/Frameworks:** React, Node, Express, Socket, WebRTC, GitHub

## Leadership / Extracurricular

### Career Development Cell

Spring 2022 – Present

Technical Team Member

IIT Dharwad

- Developed and maintained a dynamic user interface using React and Material-UI for the front-end.
- Collaborated with a team using version control systems such as Git to manage modifications, track progress, and assign tasks.