

# MAYURESH KUMAR

SOFTWARE DEVELOPER

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<https://github.com/mayuresh>

## Education

**MIT Academy of Engineering, Pune**

B. Tech. in Software Engineering

August 2019 - May 2023

CGPA: 8.74

## Internships

**CodeKul Pvt. Ltd.**

**June 13, 2021 - August 7, 2021**

Software Engineer Intern

- Contributed in the development of an examination management system.
- Developed a quiz application using an external API.
- A full stack login system.
- Used JWT mechanism for tokenization purpose.

**Kailsumi InfoTech Pvt. Ltd.**

**June 12, 2022 - July 31, 2022**

Software Engineer Intern

- Worked on an E commerce project.
- Developed an admin page for the seller and the order page for the customers.
- Added a login and registration system.
- Designed the database schema of the whole application in MongoDB.
- Avoided the prop drilling inside the application by using redux which centralised the data making the website faster than the previous versions.

## Projects

**E commerce app**

Key Skills: Ejs Express.js Node.js MongoDB Socket.io Tailwind CSS

- Created an E Commerce application where the placed orders by the customers is updated in real time on the admin's side and any update from the admin's section has a real time affect on the customer's side.
- To achieve this functionality Node.js Events and Socket.io library was used.
- The role based authorization is developed using Passport.js.

**CRM**

Key Skills: Express.js Node.js MongoDB Html5 CSS React.js

- Created a Customer Relationship Management System that allows users to add issues and leads as tickets.
- Added a chat interface between customer and employees over created tickets.
- Worked on creating role-based Authorization functionality using JWT token mechanism.
- Wrote Restful Web services to perform CRUD operations.

**Quiz App**

Key Skills: MongoDB Express Node.js React.js Material UI

- The application fetches the questions from the pool of questions added to the database.
- Used Math.random() function for jumbling of the options.
- The admin is allowed to add categories and questions.

**Map Pinning Application**

Key Skills: React.js Express.js Node.js MongoDB Mapbox

- Developed a place pinning application using mapbox API which can be used as a travel guide.
- The users can pin at any place and add their respective experiences and ratings which will be visible to other users.

## Hackathons

- Participated in Datathon where contributed in training an ARIMA model on stock dataset.
- Participated in Smart India Hackathon where contributed in development of a prototype of a Teacher's Management System.