



# Mohamed Fasil KP

FULL STACK DEVELOPER

## CONTACT ME

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in <https://www.linkedin.com/in/fasil-kp/>

🔗 <https://github.com/fasilkp>

📄 <https://fasilkp.github.io/portfolio/>

📍 Palazhi, Calicut, 673014

## EDUCATION

### BSc Computer Science

University of Calicut

2019 - 2022

### Higher Secondary - Computer Science

DHSE, Kerala

2017 - 2019

### High School

Central Board of Secondary  
Education

2016 - 2017

## SKILLS

- React Js
- Node Js

## ABOUT ME

I'm a self taught full stack developer based in Malappuram, Kerala, curious to learn more about developing scalable distributed systems, loves problem solving and cares about writing readable as well as maintainable code.

## PROJECTS

### DocOnline - Hospital Booking System

This is a progressive web application designed to facilitate the management of appointments and bookings within a hospital or healthcare facility. It helps streamline the process of scheduling appointments for patients, coordinating with doctors, and maintaining an organized system for both patients and healthcare providers.

- This project is designed and developed with scalability & maintainability in mind with clean architecture
- Created the Patient Registration module, allowing new patients to register and input their personal information and contact details.
- Developed the Appointment Scheduling module, enabling patients to book appointments with doctors based on availability
- Implemented the Doctor Management module, providing hospitals the ability to update doctor's availability, working hours and administrators the ability to manage doctor profiles
- Developed the Reporting and Analytics module, generating statistical reports on appointments.
- Implemented a user-friendly chat interface within the system, allowing patients to initiate conversations, discuss medical concerns, and seek clarifications.

### Technologies used

- Node js, MongoDB, Express js, Redux, React js
- MVC Architecture
- Socket.io, Razorpay, JWT, Cloudinary, nodemailer and multer
- Git, AWS EC2, AWS Route 53, Nginx, Certbot, PM2, Netlify

Git repo: <https://github.com/fasilkp/docOnline>

Preview: <https://doconline.netlify.app/>

- Express Js
- Mongo DB
- Javascript
- HTML
- CSS
- SCSS
- Redux
- Data Structure
- MVC Architecture
- Firebase
- My SQL
- JWT
- Socket.io
- Clean Architecture
- Git
- Aws
- Nginx
- Heroku
- Netlify
- Railway

## INTEGRATION

- Razorpay
- Cashfree
- Cloudinary
- Firebase Auth
- Firebase Firestore
- Firebase Storage
- Firebase Hosting
- Nodemailer
- Multer
- Oauth

### CartGenie - E-commerce Application

This is a E-commerce web application. Designed and developed a comprehensive e-commerce application for gadgets, providing a seamless online shopping experience for customers.

- Created user-friendly interfaces and intuitive navigation to enhance the user experience and drive customer engagement.
- Implemented secure payment gateways, ensuring safe and reliable online transactions for customers.
- Integrated product catalogs, allowing customers to easily browse and search for gadgets based on various parameters such as category, and price range.
- Developed inventory management systems to track and update product availability in real-time, preventing overselling and ensuring accurate stock levels.
- Implemented robust order processing and fulfillment workflows, including order confirmation, tracking, and delivery notifications to customers.
- **Technologies used:** Node js, MongoDB, Express js, EJS View Engine, MVC Architecture, Cashfree, Cloudinary, Git, AWS EC2, AWS Route 53, Nginx, Certbot, PM2, Hostinger

**Git repo:** <https://github.com/fasilkp/cartGenie>

**Preview:** <http://cartgenie.store/>

### MarkMe- Internal Mark Uploader

This Project is designed to streamline the process of uploading and managing internal marks for educational institutions.

- **User Authentication:** Implemented user authentication functionality using **Firebase Authentication** to ensure secure access to the system.
- Developed an intuitive dashboard for administrators, teachers, and students to manage and view internal marks.
- **Course Management:** Allow admin to manage courses or subjects. They can add new courses, and specify the course name, code, and related information.
- **Student Management:** Provide features for managing student information, including adding students to courses and assigning unique identifiers or roll numbers to each student.
- Provide features for adding and managing teacher information.
- Enable teachers to manage internal marks for individual students or in bulk for an entire course.
- **Data Export:** Allow users to export mark data in various formats, such as CSV or Excel, for further analysis or reporting purposes.
- **Technologies used:** React js, Firebase Auth, Firebase Firestore, Git , Github and Firebase Hosting

**Git repo:** <https://github.com/fasilkp/internal-mark-uploader>

**Preview:** <https://internal-mark-uploader.web.app/>

### Expense Tracker

- This Project is a progressive web application that allows users to track and manage their expenses
- **Technologies Used:** React, Mongodb, Expressjs, Node js, Apex chart, Mongodb Atlas , Netlify, Heroku, Render, PWA template
- **Git repo:** <https://github.com/fasilkp/expense-tracker>
- **Preview:** <https://expensetrackersite.netlify.app/>

### Open Course Selection

- This Project is a progressive web application that allows students to select their open course.
- **Technologies Used:** React, Firebase V9,
- **Git repo:** <https://github.com/fasilkp/open-course-selection>