

# Muhammed FAhiz

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## MERN STACK DEVELOPER

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Motivated MERN Stack Developer with a BCA from the University of Calicut. Possessing 8 months of intensive experience under an expert mentor, with a portfolio including over 30 mini projects and one major project demonstrating full-stack development skills. Passionate about continuous learning and innovative solutions, eager to contribute to dynamic teams and tackle challenging projects.

## EXPERIENCE

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### SelfStack

Full Stack Developer Intern

August 2023 – Present

Kozhikode, Kerala

- Worked on over 30 mini projects and one major project, specializing in full-stack development. **Mongo Db, Express, Node, React**
- Applied skills in JavaScript, React.js, MongoDB, Node.js, and Express
- Developed robust RESTful APIs, implemented JWT authentication, and managed state with Redux and Redux Toolkit. and speed through optimization techniques by
- Ensured code quality with ESLint, created reusable UI components, and incorporated intuitive user interfaces.

## SKILLS

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**Languages and Frameworks:** JavaScript, React.js, MongoDB, Node.js, Express, MVC Architecture, HTML, CSS, Handlebars, Tailwind CSS, Antd, C++,

**Libraries and Tools:** npm, Redux, Redux Toolkit, Bootstrap, Media Queries, EJS, Chart.js, Figma, Multer, Swagger API, react-beautiful-dnd, react-qr-code, Chart.js, postman, React Hook Form, react-router-dom, Toastify,

**Backend Tools and Technologies** REST API, JWT, Fetch API, Axios, Nodemailer, Razorpay, Excel.Js,

**Deployment and Hosting:** Nginx, AWS (Amazon Web Services), Route 53, Vercel,

**Other:** Git, GitHub, Ajax, Figma, Canva,

## PROJECTS

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### Drive Wave - Car Rental

node.js, Express, MongoDB, handlebars, Git

<https://github.com/fahiz-mavoor/drive-Wave>

**Description:** Developed a comprehensive car rental application designed to streamline the car rental process for users, vendors, and administrators. The application facilitates efficient management of car rentals, including car listings, user management, and secure payment processing.

#### Technologies Used:

- \* **Backend:** Node.js and Express for robust server-side operations. (drivewave.site).
- \* **Database:** MongoDB for scalable and flexible data storage.
- \* **Frontend:** Handlebars (HBS) for dynamic and efficient templating.
- \* **Hosting:** Deployed on AWS with Route 53 (drivewave.site) for reliable and secure hosting.

#### Architecture:

- \* **Implemented MVC architecture to separate concerns and enhance maintainability, ensuring a clean and organized codebase. .**

#### Features

#### User Roles:

- \* **Users:** Can browse available cars and book them for a specific period.
- \* **Vendors:** Can add and manage their car listings, ensuring availability and details are up-to-date.

#### Administrators:

- \* Can manage both users, car and vendors, overseeing the entire application and ensuring smooth operation

### Payment and Notifications

- \* Integrated custom Razorpay for secure and seamless payment processing.
- \* Utilized Nodemailer for automated and reliable email notifications to enhance user communication.

### File Management and Quality Assurance:

- \* Managed file uploads efficiently using Multer.
- \* Stored images in Cloudinary for scalable and reliable file storage solutions.

### User Experience

- \* Incorporated Flatpicker for an intuitive and user-friendly date selection experience. .
- \* Developed reusable UI components using Handlebars partials to ensure a consistent and efficient user interface design.

### Kanban To-Do

*React, redux, Node.js, Express, Git*

<https://github.com/fahiz-mavoor/TO-DO-Kanban-App>

**Description:** A mini project for managing tasks using a Kanban board.

#### Key Features:

- **Technologies Used:** Node.js, Express for backend; React for frontend; MongoDB for database.
- **Authentication** Implemented JWT with refresh tokens for secure authentication.
- **Drag-and-Drop:** Utilized react-beautiful-dnd for task management.
- **State Management:** Employed Redux and Redux Toolkit for efficient state management.
- **API Communication:** Used Axios and CORS for backend communication.
- **Hosting:** Deployed on Vercel.

### Ospro – Seminar Hall Booking System *Node.js , Express, React , Redux Git* <https://github.com/fahiz-mavoor/ExhibitionHall>

**Description:** A mini project for booking seminar halls.

#### Key Features:

- **Technologies Used:** Node.js, Express for backend; React for frontend; MongoDB for database.
- **Authentication** Implemented JWT with refresh tokens for secure authentication.
- **Routing:** Used React Router for navigation
- **State Management:** Employed Redux and Redux Toolkit for efficient state management.
- **API Communication:** Used Axios and CORS for backend communication.
- **Hosting:** Deployed on Vercel.

### flavor fusion

*Node.js, Express, Postman, Swagger Git*

<https://github.com/fahiz-mavoor/flavorfusion>

- Developed a backend system using Node.js, Express, and MongoDB for a recipe-sharing application.
- Implemented JWT with refresh tokens for secure authentication.
- Focused on creating a robust RESTful API.
- Thoroughly tested API endpoints using Postman.
- Created comprehensive API documentation using Swagger.

## EDUCATION

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**Bachelor of Computer Application**  
*University of Calicut*

June 2020 – March 2023

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