

# Ajmal K K

## MERN Stack Developer

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### Profile Summary

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Self-taught MERN (MongoDB, Express.js, React, Node.js) stack developer with a passion for building robust and scalable web applications. Skilled in both front-end and back-end technologies, excelling at translating business requirements into effective technical solutions. With a strong understanding of software development best practices, successfully delivered high-quality projects on time.

### Experience

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#### Full Stack Developer

Sep 2023 - May 2024

Cumin360technologies

Bangalore, Karnataka

- Contributed to the development of robust web applications for Cumin360technologies, implementing scalable and efficient solutions that enhanced user engagement and streamlined backend processes.
- Played a key role in identifying and resolving complex technical issues, contributing to continuous improvements and ensuring the delivery of high-quality software solutions.
- Collaborated closely with the design team to seamlessly integrate front-end designs with backend functionality, resulting in visually appealing and highly functional web applications.

#### FeeOn

- It is a comprehensive school management application designed for fee processing, onboarding, staff and student management.
- Integrated a notification system for real-time updates on important deadlines, announcements and events.
- Built the user management module it is a key feature that facilitates the onboarding of students and teachers.
- Technologies used: MongoDB, Express.js, React.js, Node.js, TypeScript

#### GrowOn

- Assisted in the development and maintenance of backend systems to support various features and functionalities specific to the GrowOn Flutter application, focusing on student and teacher interactions.
- Implemented APIs and database solutions customized for student and teacher workflows, enabling seamless data management and communication between users and the backend server.
- Technologies used: MongoDB, Express.js, Node.js

### Projects

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#### Drive2Drive

GitHub | Live

- Created a user-friendly rent-a-car website with secure **Google Sign-In** for easy account access. Implemented **JWT** authentication to ensure secure user data access and maintain session integrity.
- Real-time chat support using **Socket.IO** for interactive customer assistance, allowing direct communication between the customer and the car owner for renting inquiries.
- Implemented secure payment processing through **Stripe** integration, ensuring safe and reliable transactions for users.
- Designed and implemented a dynamic coupon management system that enables the creation and customization of promotional offers.
- Technologies used: Node.js, React.js, MongoDB, Express.js, Figma

#### StepUP

GitHub | Live

- StepUP is a shoe selling platform with enhanced security with session cookie authentication and **Twilio OTP** service for secure user signup. authentication to ensure secure user data access and maintain session integrity.

- Integrated **Razorpay** for secure payment processing, ensuring safe and reliable transactions for users.
- Optimized cart management and improved product image uploads with **Multer** for a seamless shopping experience.
- Developed a coupon management system to provide discounts to customers, along with an **AJAX**-based image zoom feature for improved product inspection and visibility of details.
- Technologies used: Node.js, HBS, MongoDB, Express.js, Figma

## Mini-Projects

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### Weather App

GitHub | Live

- A weather app built with React.js that fetches and displays real-time weather data using **Weather API**.

### NETFLIX - Clone

GitHub | Live

- A Netflix clone built with React.js that utilizes the **TMDB API** to fetch and display movies and shows, allowing users to browse and explore content seamlessly.

### OLX - Clone

GitHub

- A React.js project that replicates OLX functionality, utilizing **Firebase** for user authentication and enabling users to post and manage product listings.

## Technical Skills

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**Languages:** JavaScript, TypeScript, HTML, CSS

**Libraries:** Socket.IO, Twilio, Bootstrap, Tailwind CSS, AJAX, MUI, GSAP

**Programming Paradigms:** Functional Programming, Object-Oriented Programming

**State Management:** Redux, Redux ToolKit, React Context

**Designing:** Figma, Canva

**Cloud Services:** AWS, Firebase, Vercel, Netlify, Render

**Services:** REST API, Postman, JWT (JSON Web Token)

**Frame Works:** Express.js, Three.js, Next.js

**Data Base:** MongoDB, PostgreSQL

**CI/CD:** Git, GitHub

**Tools:** VSCode, NGINX

## Education

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### MERN Stack Development

2022 - 2023

Brototype, Calicut

### Higher Secondary (Commerce with Computer Application)

2020 - 2022

GVHSS Kuttichira, Calicut