

ALEENA MATHEW

Python Full Stack Developer

☎ +91 8075527750

✉ aleenamatthew986@gmail.com

🌐 [Linkedin](#)

🐙 [GitHub](#)

SUMMARY

A self-taught full-stack developer, proficient in **Python, Django, SQL, Javascript, React**. Adept at building scalable and resilient back-end infrastructures. Committed to advancing with the latest technological trends. Consistently strives to deliver innovative web development solution. Ensures work meets the highest industry standards. Focuses on continuous improvement to adapt to emerging advancements

PROJECTS

DOCNET 🔗 | TELEHEALTH PLATFORM

- A comprehensive telehealth platform that bridges the gap between patients and healthcare providers through secure video consultations and integrated health management features.
- **Doctor-Patient Management:** Developed a dual-interface system allowing doctors to manage their profiles, set availability schedules, and view patient appointments, while patients can search for doctors by specialty, location, and availability.
- **Video Consultation Integration:** Implemented secure video calling functionality using WebRTC and third-party APIs, enabling real-time consultations with features like screen sharing, chat, and session recording for medical records.
- **Appointment Scheduling System:** Built a dynamic booking system with calendar integration, automatic reminder notifications via email/SMS, and rescheduling capabilities for both patients and doctors.
- **Medical Records Management:** Created a secure digital health record system where patients can upload medical documents, test results, and prescription history, accessible to authorized healthcare providers during consultations.
- **Payment Integration:** Integrated secure payment processing with multiple payment gateways, supporting consultation fees, insurance claims processing, and automated billing for telehealth services.
- **Admin Dashboard:** Developed comprehensive admin controls for managing users, monitoring platform usage, handling disputes, and generating analytics reports for healthcare insights.
- **Technologies Used:** Python, Django, Django REST Framework, WebRTC, PostgreSQL, Redis, Celery, AWS EC2, AWS S3, JWT Authentication

ADORE 🔗 | E-COMMERCE WEBSITE

- A full-stack E-Commerce website designed for jewelry, featuring both front-end and back-end integration to ensure a seamless user experience.
- **Product Listing Management:** Allow administrators to manage and update jewelry listings, including product details (name, price, material, gemstone, etc.), inventory status, and categorization for effortless browsing and discovery by customers.
- **Review System:** Implemented a user-friendly review feature where only verified buyers can submit product reviews along with star ratings. This ensures authentic feedback and helps future customers make informed purchase decisions. The system prevents duplicate reviews for the same purchase and displays reviews dynamically on product pages for a smoother user experience.
- **Shopping Cart Management:** Users can add, update, or remove jewelry items from their cart. This feature provides a smooth shopping experience with real-time updates to the cart's total price and item count.
- **Order Processing with Online Payment:** A secure and efficient order processing system integrated with Razorpay, ensuring safe transactions and immediate order confirmations.
- **Banner Management:** Administrators can manage and display promotional banners on the homepage to highlight special offers, discounts, or featured collections.
- **Technologies Used:** Python, Django, Django REST Framework, PostgreSQL, AWS EC2, AWS S3, Nginx

MINI PROJECTS

Netflix Clone 🔗 | Movie App

- Developed a Netflix clone frontend using **React, Firebase** and **TMDB API**
- Implemented React Router for seamless navigation, improving overall app flow and user experience
- Implemented email-based user sign-up and movie browsing functionality

User Management App 🔗 | React.js, Redux Toolkit

- User management app with JWT authentication
- Login, Registration, Profile editing, Admin user management
- Technologies: React.js, Redux, PostgreSQL, Django, Django REST Framework

OLX Clone | React.js, Context API

- A classified ads platform similar to OLX with user authentication and product listing features
- Features include user authentication, product listing, search, filtering
- Technologies: React.js, Context API, Firebase, Tailwind CSS, Node.js, Express, MongoDB

EDUCATION

Python Full Stack Development

2024 – present

Prototype

Bachelors of Science in Mathematics

2018 – 2022

Kannur University CGPA: 8.047

TECHNICAL SKILLS

Frontend Development: React, Redux, HTML, CSS, Bootstrap, Tailwind CSS

Backend Development: Python, Django, JavaScript, JWT

Database Systems: PostgreSQL, MongoDB, ORM

Architecture: MVT

Deployment: AWS (EC2), NGINX

Familiar: Data Structures and Algorithms, SQL, Firebase

Tools: Git, Postman, Figma

EXTRACURRICULAR

National Service Scheme (NSS)

2018 – 2020

Volunteer

Kannur University

- Actively participated in various social service activities, including community development programs, awareness campaigns, and environmental initiatives.
- Engaged in leadership and teamwork activities, organizing events and contributing to social welfare.
- Participation Certificate. 