

# AMRAZ RAFEEQUE

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🌐 [LinkedIn](#) | 🐙 [GitHub](#) | 🌐 [Portfolio](#)

## PROFILE SUMMARY

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**Full-Stack Web Developer** with hands-on experience in designing, developing, and deploying secure, scalable web applications. Adept in building production-grade solutions using **Python Django**, **React JS**, and **PostgreSQL**. Skilled in crafting robust **RESTful APIs**, containerizing applications with Docker, and deploying to cloud platforms like **AWS EC2**. Committed to writing clean, maintainable code and passionate about solving real-world challenges through innovative technology.

## PROJECTS

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### Learnera App – School Management System

🌐 [learnerapp.site](https://learnerapp.site)

**Tech Stack:** React, TailwindCSS, Redux, Django, Django REST Framework (DRF), JWT, Django Channels, Redis, WebSocket, Docker, AWS EC2, PostgreSQL

- A full-featured web platform to digitize and manage day-to-day school operations.
- Architected a modular system with isolated admin and user dashboards, with role-based access control.
- Secured data and access with **JWT** authentication and permission-protected **APIs**.
- Developed modules for admissions, billing, attendance, and grading to streamline administrative processes.
- Engineered a real-time chat system using **Django Channels**, **WebSocket**, and **Redis** for continuous teacher-student communication.
- Delivered a responsive UI using **React** and **TailwindCSS** with smooth UX across devices.
- Designed **RESTful APIs** using **DRF** and optimized **PostgreSQL** schema for performance and integrity.
- Containerized the app with **Docker** and deployed it on **AWS EC2** for scalable production hosting.

### Meliotis – E-Commerce Store

🐙 [github.com/amrazz/Meliotis-fashion](https://github.com/amrazz/Meliotis-fashion)

**Tech Stack:** Django, HTML, CSS, JavaScript, AJAX, RazorPay, Google Auth, PostgreSQL

- A **Django**-based fashion store with secure checkout, dynamic cart, and admin dashboard.
- Developed a responsive e-commerce platform with product listing, filtering, and real-time cart updates.
- Integrated secure multi-factor login using OTP and **Google OAuth** for improved authentication.
- Enabled dynamic product search, category filtering, and cart-based order tracking.
- Set up **RazorPay** for secure payments with logged transactions and invoice generation.
- Designed an intuitive admin panel for managing products, coupons, and customer data.
- Visualized order data and sales trends using interactive **Chart.js** graphs.

## MINI PROJECTS

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### CodBlog – Blogging Platform

🐙 [github.com/amrazz/cod-blog](https://github.com/amrazz/cod-blog)

**Tech Stack:** React, Redux Toolkit, TailwindCSS, EditorJS, Django, DRF, Django Channels, PostgreSQL, Framer Motion

- Developed a full-stack blogging platform with **JWT** and **Google OAuth** authentication.
- Implemented block-based rich text editing using **EditorJS** (text, code, image blocks).
- Integrated an **AI** writing assistant (**Gemini API**) to suggest ideas, generate summaries, and improve readability.
- Built a nested real-time comment system with **Django Channels** and **WebSocket**.
- Enabled post likes, save-for-later, saved lists, and live like updates.
- Designed social features: follow/unfollow, following feed, explore users.
- Integrated real-time notifications (followers, likes, replies) using **Redis** and **WebSocket**.

## Netflix Clone

 [github.com/amrazz/Netflix-clone](https://github.com/amrazz/Netflix-clone)

**Tech Stack:** React, JavaScript, Firebase, HTML, CSS

- Recreated Netflix UI with responsive layout and **Firebase**-based authentication.
- Enabled real-time movie data rendering using **Firebase Realtime Database**.

## V-Chat – Real-Time Chat App

 [github.com/amrazz/v-chat](https://github.com/amrazz/v-chat)

**Tech Stack:** React, Redux, Django, JWT, TailwindCSS, Daphne, PostgreSQL

- Built a real-time, one-to-one messaging platform using **WebSocket** and **Django Channels**.
- Used **JWT** for secure authentication and **Redux Toolkit** for UI state management.

## SKILLS

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- **Programming Languages:** Python, JavaScript
- **Frontend Development:** React JS, Tailwind CSS, HTML, CSS, Redux, Web Socket, ShadCN
- **Backend Development:** Python Django, Django REST Framework, JWT, Django Channels, pytest
- **Database:** PostgreSQL, MongoDB
- **Version Control:** Git, Github
- **DevOps:** AWS EC2 Hosting, Vercel, Render, Docker

## EDUCATION

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- **G.H.S.S Pannur**  
*Higher Secondary Education*

*June 2021 – March 2023*  
Calicut, Kerala