

# Muhammed Rabah M

## Full Stack Developer

[rabahmuhammedm@gmail.com](mailto:rabahmuhammedm@gmail.com) | [8606559112](https://8606559112) | [LinkedIn](#) | [GitHub](#) | [LeetCode](#) | [Medium](#)

### Profile Summary

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Software developer skilled in full-stack web development and cloud deployment. Focused on building scalable and efficient web applications with modern technologies.

### Skills

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**Backend:** Python, Django, ORM, PostgreSQL, DRF, JWT, Django Channels

**Frontend:** React, Redux, JavaScript, Tailwind, Bootstrap, HTML, CSS, WebSocket

**DevOps:** Docker, CI/CD, Git, GitHub Actions, Postman, AWS

**Languages:** English, Hindi – All professional proficiency | Malayalam - Native or bilingual proficiency

### Projects

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#### Fixngo: Home Service Booking Platform

GitHub

Fixngo is home service booking platform designed to connect customers with service professionals efficiently. It offers seamless booking, secure payments, and real-time communication to enhance the user experience.

- Developed a scalable project in Django with a well-structured codebase, ensuring clear separation of concerns and maintainability.
- Built backend functionalities with Python and Django, integrating **JWT** for secure authentication.
- Created robust APIs using **Django REST Framework** and ensured functionality through testing with **Postman**.
- Created dynamic user interfaces using **React** and **Redux**, effectively managing state and enhancing styling with **Tailwind CSS**.
- Utilized **PostgreSQL** and **ORM** for efficient data management and integrated **Paypal** for secure payments.
- Incorporated **WebSocket** and **Django Channels** into the project to enable real-time communication features such as personal chat and live updates.
- Leveraged **Redis** for caching and optimizing database queries to enhance application performance.

#### Electro: Gadgets E-Commerce Platform

GitHub

Electro is a modern e-commerce platform specializing in gadgets and electronics, offering a seamless shopping experience, secure payments, and efficient inventory management. Customers can browse, purchase, and track orders, while admins manage products and sales through a comprehensive dashboard.

- Developed a comprehensive monolithic application using the **Django** framework for backend operations.
- Leveraged **PostgreSQL** and **ORM** for robust data management, ensuring data integrity and efficient retrieval.
- Integrated **Paypal** for secure and efficient payment processing.
- Developed responsive frontend interfaces using **HTML**, **CSS**, **JavaScript**, and **Bootstrap**, optimizing usability and visual appeal.
- Deployed on **AWS EC2** with **NGINX** for efficient load balancing and serving of the application.

## Mini Projects

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### User Management

GitHub

- Robust system with separate user and admin interfaces using Django, React, and JWT
- Implements comprehensive user permission and authentication management

### Netflix UI Clone

GitHub

- Responsive Netflix website UI replica using React
- Integrates TMDB API for dynamic content rendering

## Mentorship

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**Bootcamp Mentor:** Mentored juniors in the bootcamp, offering technical support and communication training.

**Workshop (Brototype):** Coding Bootcamp Mentor responsible for mentoring and giving career advice to SWE Students.

## Education

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### Brototype, Bootcamp - Calicut, India

2024 – Current

- Completed a 30-week intensive full-stack web development bootcamp.
- Attended weekly performance reviews led by seasoned software developers.
- Developed two full-scale projects covering application development, prototyping, database design, and API documentation.
- Mentored newcomers in development, offering technical support and communication training.

### Bachelor of Commerce (B.Com), Kannur University - Kerala, India

2020 - 2023

- Specialized in accounting, finance, business management, and economics.
- Gained expertise in financial reporting, taxation, and business law.
- Developed strong analytical and problem-solving skills relevant to commerce and business operations.