# MOHAMED GOUSE

## PYTHON DEVELOPER

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## Profile Summary

Python Full Stack Developer with 2 years of experience in Django, React, and REST APIs. Skilled in building scalable web applications and streamlining processes using technologies like PostgreSQL and MongoDB. Adept at solving complex problems and contributing innovative solutions in collaborative environments.

## Skills

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| **Programming Languages** | Python (Django), JavaScript (React) |
| **Frameworks** | React, Django, Flask |
| **Database** | PostgreSQL, MongoDB, SQLite |
| **Back-End Skills** | Django REST Framework (DRF), RESTful APIs, ORM (Object-Relational Mapping), Celery, Channels, WebSocket Communication, JWT Authentication |
| **Front-End** | React, HTML, CSS, JavaScript, Bootstrap, Tailwind CSS |
| **Tools** | Git, GitHub, Figma, Postman |
| **Proficient in** | Python, Data Structures |
| **Soft Skills** | Communication, Team Collaboration, Problem-Solving, Time Management |

## Experience

### Web Development using Python and React

*Brototype, Calicut*     *June 2023 - August 2024*

- Developed and maintained web applications using Python, Django, and React. Worked on the full stack of web development, including RESTful API design, database management with SQL and MongoDB, and frontend development with React and JavaScript.

- Gained hands-on experience with data structures, algorithms, and modern web technologies.

## Education

### Bachelor of Computer Application     CGPA: 5.217

*University of Calicut*     *2020 - 2023*

- **Relevant Coursework:** HTML and CSS and JavaScript, C Programming, Data Structures and Algorithms (C), Python, RDBMS, PHP, JAVA, Android Studio, Shell.

## Projects

**Hotel Booking System** | *Django, React, DRF, JWT, Celery, Channels, Stripe, PostgreSQL*                    **Github**

- Developed a comprehensive hotel booking system with features like hotel browsing, room availability checks, real-time chat, and Stripe integration.

- Designed an admin dashboard for hotels and users, streamlining management processes and improving operational efficiency by 30%.

**JB Computers** | *Django, HTML, CSS, JS, Bootstrap, PostgreSQL*                    **Github**

- Built an e-commerce platform for computer hardware with PayPal integration, coupons, and user authentication by Google OAuth, enhancing user satisfaction and conversion rates.

## Additional Projects

**Authentication System** | *Django, DRF, JWT, React, PostgreSQL*                    **GitHub**

- Created a secure authentication system with features for admin/user profiles, access control, and role management.

**Chatting Application** | *Django, DRF, JWT, Channels, SQLite*                    **GitHub**

- Developed a real-time chat app with user registration, messaging, and Django Channels for WebSocket-based communication.

**Online Admission System** | *Flask, HTML, CSS, JS, Bootstrap, SQL*                    **GitHub**

- Created an online system for college admissions with course management, application tracking, and integrated payment processing.

## Technical Projects

- **Automated Diet Plan Generator** - Developed a system in Django that automatically creates personalized diet plans based on user dietary preferences and health metrics, enhancing user engagement and satisfaction.

- **Real-Time Chat Application** - Developed a chat app with Django Channels and WebSockets, supporting over 1,000 concurrent users.