

# Muhammed Zhiyad

Full-Stack Developer — Python & React

mhdzhiyad9656@gmail.com — +91 9656370958 — Kottakal, Malappuram, Kerala  
GitHub — LinkedIn — Portfolio

## Professional Summary

---

Full-Stack Developer with hands-on experience building, integrating, and optimizing full-stack web applications using Python, Django, React, and PostgreSQL. Experienced in developing RESTful APIs, implementing authentication and role-based access control, and building responsive frontend interfaces. Comfortable working in Agile teams, debugging production issues, and delivering scalable features from development to deployment.

## Technical Skills

---

**Programming:** Python, JavaScript, SQL, HTML5, CSS3

**Backend:** Django, Django REST Framework, REST APIs, JWT Authentication

**Database:** PostgreSQL, Query Optimization

**Frontend:** React.js, Redux, Next.js, Context API, Tailwind CSS, Bootstrap

**Tools:** Git, GitHub, VS Code, npm

**Concepts:** OOP, CRUD Operations, API Integration, Performance Optimization, Agile/Scrum

## Professional Experience

---

**Full-Stack Developer Intern – Bridgeon Solutions LLP, Calicut**

Jun 2024 – Aug 2024

- Designed and implemented **10+ RESTful API endpoints** using Django and Django REST Framework to support core application features.
- Optimized PostgreSQL queries and database schema, resulting in an estimated **25–35% reduction in API response time**.
- Integrated backend APIs with **15+ React.js components**, ensuring smooth client-server data flow and state management.
- Developed **8+ reusable, responsive UI components** using React.js, Redux, Next.js, Tailwind CSS, and Bootstrap.
- Collaborated in a **5-member Agile team** across **6 bi-weekly sprints**, contributing to sprint planning, debugging, and feature delivery.
- Identified and resolved **10+ bugs and performance issues**, improving application stability and user experience.

## Projects

---

**Veloce Garage – E-commerce Application**

2024

- Designed and developed a full-featured front-end e-commerce application focused on premium car accessories.
- Architected the application using React.js with modular components and centralized state management for scalability.
- Built and integrated RESTful APIs using JSON Server, implementing authentication, role-based access control, and protected routes.
- Implemented core e-commerce features including product listings, category filtering, cart management, wish-list functionality, and checkout flow.
- Ensured responsive design and cross-device compatibility using modern CSS frameworks and best practices.
- Focused on clean UI/UX, error handling, and smooth user interactions to simulate real-world production behavior.

## Education

---

**Bachelor of Computer Applications (BCA)**

University of Calicut

2022 – 2025