

# Kamarudheen

## Backend Engineer

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Kannur, Kerala, India

### EDUCATION

#### BCA

Yenapoya University  
( 2023 - 2026 )

#### VHSE Electronics

VHSE Kalliasseri  
( 2019 - 2022 )

### TECHNICAL SKILLS

- Python
- Django
- Django REST Framework
- Redis
- Celery,
- PostgreSQL
- MySQL
- JavaScript
- React.js
- Next.js
- Shad Cn
- Docker
- AWS
- Digital Ocean
- Git
- Penetration Testing

### SOFT SKILLS

- Problem Solving
- Team Collaboration
- Adaptability
- Time Management

### PROFILE

Backend Engineer specialising in scalable API driven systems and secure backend architectures using Python and Django. Experienced in building reliable, production ready applications, optimising performance, and maintaining clean, scalable backend structures. Backend focused with practical frontend experience in React.js and Next.js, along with advanced penetration testing knowledge and strong expertise in API security.

### WORK EXPERIENCE

#### Python Django Developer

2024 July - Present

##### Tegain IT | Talrop

- Build and maintain backend systems and API-driven applications using Django and Django REST Framework.
- Design scalable backend structures focused on maintainability and long-term system growth.
- Implement secure authentication and authorization mechanisms.
- Optimize backend performance and database efficiency.
- Develop asynchronous workflows and background processing using Redis and Celery.
- Collaborate closely with React and Next.js frontend teams for seamless API integration.
- Contribute to frontend implementation when required to support complete feature delivery.
- Refactor and enhance legacy modules to improve system stability and code quality.

#### Python Djnago Developer

2022 October - 2024 June

##### Weblanza Web Solutions

- Developed backend systems and REST APIs for multiple client based applications.
- Designed reusable backend components to improve development efficiency.
- Built scalable backend workflows and API structures.
- Optimised database queries and backend logic for improved performance.
- Worked on admin panels, API integrations, and backend architecture design.
- Supported frontend development when required for end to end delivery.
- Assisted with deployment and production-level backend support.

# RECENT PROJECTS

## HOSPITAL MANAGEMENT & APPOINTMENT SYSTEM (BACKEND)

- Developed backend APIs managing doctors, patients, appointments, and hospital workflows.
- Implemented secure authentication and role-based permission systems.
- Designed appointment scheduling workflows and medical record endpoints.
- Automated processes using asynchronous background tasks.
- Structured backend modules for scalability and maintainability.

## TOURS & TRAVELS ERP SYSTEM (BACKEND)

- Developed backend modules for leads, bookings, tour packages, invoices, and communication workflows.
- Designed modular API architecture supporting extensibility.
- Implemented reporting and analytics-related backend logic.
- Managed lifecycle workflows for bookings and operations.

## WORKFORCE MANAGEMENT SYSTEM (BACKEND)

- Developed backend APIs for managing employees, roles, attendance, shift scheduling, and workforce operations.
- Built modules for leave management, payroll workflows, and performance tracking.
- Implemented role-based access control for administrators, managers, and employees.
- Designed workflows for attendance tracking, approvals, and operational reporting.
- Optimized backend logic to support scalable workforce operations across multiple departments.

## COLLEGE MANAGEMENT SYSTEM & LMS (BACKEND)

- Built APIs for student management, attendance tracking, exams, and course workflows.
- Developed backend systems supporting online learning and digital classrooms.
- Implemented role-based access for students, faculty, and administrators.
- Managed backend workflows for academic operations.

## CONSTRUCTION COMPANY ERP (FRONTEND & BACKEND)

- Developed backend APIs for project and workforce management systems.
- Built payroll, attendance, inventory, and workflow modules.
- Contributed to frontend dashboards and operational interfaces.
- Integrated reporting and role-based access control features.

## MULTI-TENANT E-COMMERCE PLATFORM (FRONTEND & BACKEND)

- Designed tenant based backend architecture supporting multiple independent stores.
- Built product management, order workflows, and payment integrations.
- Implemented tenant middleware and store level configuration systems.
- Contributed to frontend implementation for admin and store interfaces.

## CAR SERVICE CENTRE MANAGEMENT SYSTEM (FRONTEND & BACKEND)

- Developed backend workflows for customers, vehicles, and service operations.
- Built inventory, billing, and workforce management modules.
- Automated operational workflows using backend logic.
- Supported frontend dashboards for operational usage.