


MUHAMMED IRSHAD ISMAIL

SOFTWARE DEVELOPER & AI ENTHUSIAST

+91 7025359287 | muhammedirshadismail0722@gmail.com | Kerala, India

 [Github](#)  [Linkedin](#)  [Leetcode](#)  [Portfolio](#)

PROFILE SUMMARY

Experienced full-stack developer with over 2 years of freelancing, specializing in building scalable web applications. Adept at creating user-centric solutions, optimizing performance, and integrating AI/ML capabilities for enhanced data insights and intelligent features. Driven by continuous learning and innovation through the fusion of AI and software development.






TECHNICAL SKILLS

- AI & Machine Learning:** Neural Networks, Deep Learning, Computer Vision, CNNs, NLP (Basics), Supervised & Unsupervised Learning, Classification & Regression, Clustering, Model Evaluation, Feature Engineering, KNN, SVM, Decision Trees, Random Forest
- Languages:** JavaScript, TypeScript, Python, MongoDB, Postgresql, HTML, (S)CSS
- Libraries & Framework:** Django, React, React Native, NextJS, TailwindCSS, Websocket, Celery Automaiton
- Mircoservices:** Docker, Kubernetes, Redis, Apache Kafka
- Tools & Platforms:** Git, Jest, Github Actions, Render, Vercel, Digital Ocean, Firebase, GCC, Push Notification
- Design & Prototyping:** Figma
- Concepts:** Clean Architecture, MVC Architecture, SOLID Principles, Agile Methodologies

WORK EXPERIANCE

Co-founder & CTO MYWard	2024 - Present
<ul style="list-style-type: none">Leading the technical vision and driving AI-powered solutions for a citizen-centric governance platform.Architected scalable backend infrastructure, implemented secure user authentication, and deployed multilingual, accessible interfaces for diverse user roles.	
Chief Technology Officer Code Cave Media	2023 - Present
<ul style="list-style-type: none">Leading technology strategies and managing end-to-end development for innovative digital solutions.Overseeing a team of developers to deliver scalable and efficient applications.	
Full Stack Developer Nexift	2023 - 2025
<ul style="list-style-type: none">Developed and maintained dynamic web applications using Django and React, ensuring high performance and responsiveness.Collaborated with cross-functional teams to deliver robust backend solutions and modern user interfaces.	

FREELANCE WORKS

Indian Army : AI Software Python, Tkinter, UI, OOPS	 Private	Client from: India
AL-Afzah Construction : Portfolio HTML, CSS, Javascript, Vercel	 Website	Client from: Qatar
Western Ghats Production : Portfolio HTML, CSS, Javascript, Vercel	 Website	Client from: India
Integrate EduTech : Portfolio NextJS, TailWindCSS, Javascript, Vercel	 Website	Client from: India
Mattanur School : Student Managment React, TailwindCSS, Firebase	 Private	Client from: India

PROJECTS

KL Electronics : Well versed e-commerce site | Django, React, Celery, Websocket ,Postgresql

- **Developed** a full-stack e-commerce application using Django REST API, React, and TypeScript, featuring secure authentication, product filtering, and real-time chat support.
- **Integrated** advanced backend functionalities, including Celery for background tasks, automated email notifications, and return order tracking.
- **Designed** a responsive and customizable frontend with modern UI/UX, interactive filters, and theme-switching capabilities for enhanced user engagement.
- **Implemented** an admin panel with a detailed dashboard for statistical insights and seamless management of offers, products, and user profiles.

MYWard (startup) : Digitalizing mobile app | Django, React native, Celery,Postgresql, Push notification

- **Developed** a mobile application using Django, React Native, and PostgreSQL to facilitate digitalization of panchayat workflows, integrating real-time push notifications for user updates.
- **Implemented** multi-user functionalities, including secure authentication, ward member dashboards for post and event management, and audience-specific features like post interaction and profile management.
- **Designed** a responsive UI/UX with intuitive navigation and role-specific wireframes, ensuring accessibility and efficiency for both audience and ward members.
- **Enhanced** user engagement with features like theme switching, OTP-based registration, and streamlined notification systems for restricted access and payment confirmations.

Wechat : Chat applicaiton backend | Django, Postgresql, WebSocket

- **Built** a scalable chat application backend using Django, PostgreSQL, and Django Channels to support real-time personal and group communication.
- **Implemented** key features, including secure authentication, dynamic group management, real-time typing indicators, and online status updates.
- **Integrated** advanced functionalities such as media sharing, video/audio call signaling, and Redis for WebSocket connection management.
- **Optimized** user experience with features like search for groups/users, chat request handling, and admin controls for group management, tested with a React frontend.

Tuition Center ERP System Next.js, APPWrite, Tailwind CSS, HTML

- **Developed** a comprehensive student management ERP system with full features for student administration and parent access.
- **Implemented** core functionalities, including admission management, attendance tracking, fee payments, timetable management, exam scheduling, and complaints handling.
- **Designed** a parent portal for real-time monitoring of children's attendance, exam results, fees, timetable, and academic performance with progress bars.
- **Optimized** the system for a smooth user experience with separate access for parents and a responsive interface.

EDUCATION

Bachelor in Artificial Intelligence

Vistula University

2025 - Present

warsaw, Poland

Higher secondary education

GKNS GHSS Pilcode

2021- 2023

Kasaragod, Kerala, India

SSLC

GHSS Vellur

2020- 2021

Kannur, Kerala, India