

# MUHAMMED MUZAMMIL K

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[connect.muzu@gmail.com](mailto:connect.muzu@gmail.com) — [Portfolio](#)

## OBJECTIVE

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Aspiring Software Developer with a strong foundation in programming, web development, and business-driven technology solutions. Passionate about developing scalable and efficient software applications. Seeking a role where I can apply my problem-solving skills, coding expertise, and business acumen to contribute to innovative projects.

## EDUCATION

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**B.Tech in Information Technology (2020 - 2024)** Institute of Engineering Technology, Thenhipalam

**CLASS XII (2018 - 2020)** Model Higher Secondary School, Perinthalmanna

**CLASS X (2018)** Aided Mappila Higher Secondary School, Thirurkad

## TECHNICAL SKILLS

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<b>Programming:</b>	Python, C, C++, Java, JavaScript
<b>Web Development:</b>	HTML, CSS, Bootstrap, Tailwindcss, React.js, Next.js, Django, Node.js
<b>Databases:</b>	MySQL, PostgreSQL, MongoDB
<b>Frameworks &amp; Tools:</b>	Flutter, Django Rest Framework, Git

## SOFT SKILLS

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- Problem-Solving Abilities
- Strong Communication and Teamwork
- Time Management and Organization
- Adaptability and Quick Learning
- Analytical Thinking and Attention to Detail

## WORK EXPERIENCE

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### Freelance Software Developer

Self-Employed (2022 - Present)

- Developed web and mobile applications for various clients, implementing scalable and efficient solutions.
- Provided software development services, including frontend and backend development, API integration, and database management.
- Worked with clients to gather requirements and deliver tailored solutions that enhance business efficiency.
- Built multiple projects utilizing React.js, Next.js, Django, Flutter, and other modern technologies.

## PROJECTS

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### CNN Approach for Eye Disease Detection and Explainable AI (April 2024)

- Developed a Flutter-based application utilizing CNNs to detect eye diseases like Cataract, Glaucoma, Uveitis, and Conjunctivitis.
- Integrated Explainable AI for model transparency and Blockchain Technology for secure medical data storage.

### Green Clean Earth (October 2024)

- Built a web platform where individuals and groups can register for environmental conservation activities and competitions.

### Demystifying AI (April 2024)

- Created an explanatory video simplifying AI decision-making processes in Large Language Models (LLMs).

## **Eventlify** (October 2023)

- Developed a comprehensive event management platform to streamline event planning, organization, and execution.

## **Diksha Techfest**

- Developed a website for Calicut University Engineering College's techfest.
- Technologies Used: Django, JavaScript, HTML, Jinja, Bootstrap, REST API, SQL, CSS, Payment Gateway.

## **Dynamic Personal Portfolio**

- Designed and developed a comprehensive career portfolio highlighting coaching experience and achievements in football.
- Technologies Used: Django, JavaScript, Rest API, Bootstrap, HTML, CSS, SQL.

## **Talkshot**

- A social media platform for sharing thoughts and opinions, enabling discussions among interested users.
- Technologies Used: Django, JavaScript, Rest API, Bootstrap, HTML, CSS, SQL.

## **INTERNSHIP**

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**MaiTexa Technologies** – Calicut, Kerala

**Role:** Software Development Intern

## **ACHIEVEMENTS**

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- 2nd Place in Hackathon 2024 – AWH Engineering College, Calicut
- Department Secretary (2022-23) – Information Technology Department
- Executive Committee Member – TinkerHub

## **CERTIFICATIONS**

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- Python Data Structures
- Programming Foundations: Databases
- Succeeding in Web Development: Full Stack and Front End

## **LANGUAGES**

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- English (Proficient)
- Malayalam (Native)

## **DECLARATION**

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I hereby declare that the facts given above are genuine to the best of my knowledge and belief.