


MOHAMMED RIYAZ KHAN

Web Developer | MERN Stack Enthusiast
DevOps & Proxmox VE Explorer

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PROFESSIONAL SUMMARY

Motivated Computer Science student with hands-on experience in MERN stack development, Linux server deployment and virtualization using Proxmox VE. Skilled in building and hosting full-stack applications with strong fundamentals in DevOps and API integration. Eager to contribute to real-world projects and grow in a dynamic tech environment.

WORK EXPERIENCE

JavaScript Developer Intern

TARCIN Robotics LLP | Sep 2023 – Oct 2023

- Revamped an enterprise learning platform using JavaScript and Ruby on Rails.
- Worked on production deployment using Apache and Linux CLI.

Web Development Intern

TARCIN Robotics LLP | Jul 2023

- Revamped and deployed a full-stack web app: [Code Asthram](#)
- involved in UI/UX design using Adobe tools.

Campus Ambassador

GeeksforGeeks | May 2022 – Jun 2023

Video Editor (Part-time)

Blub World | Sep 2021 – Nov 2021

- Edited 15+ videos, created AE templates, and adapted to evolving content formats.

EDUCATION

B.E. in Computer Science and Engineering

Sethu Institute of Technology | 2021 – 2025

CGPA: 7.9/10 (Till 7th Semester)

Senior Secondary (XII), Computer Science

Velammal Vidyalaya | 2021

CGPA: 8.4/10

ACHEIVEMENTS & LEADERSHIP

Technical Team Lead, ERUPTA 2024 Symposium

Led a team of 21 members across Design, Development, and Digital Marketing to successfully organize and execute 8+ events, each attracting over 250 attendees.

Feb 2024

Shield of Appreciation for designing SITWARE 2023

Technical Magazine

Oct 2023

SKILLS

Languages:

Proficient: JavaScript (ES6+), Java

Intermediate: C++, C and Python

Frameworks/Tech Stack:

MongoDB, React.js, Node.js/Express.js, JWT, Bcrypt.js, HTML, CSS, Tailwind.css and Parcel

DevOps & Deployment:

- Hosting with Proxmox VE
- Basic Linux server management
- Deployment with NGINX & Apache
- API Management and Azure Fundamentals

Design Tools:

Figma, Adobe Illustrator/Photoshop, Premiere Pro and After Effects

[Design Portfolio](#) [Magazine Preview](#) [Home Server](#)

PROJECTS

GestoCraft - Gesture Controlled Surgical Robotic Arm

Multi-Disciplinary Project | MVP Completed

- Implemented 21-keypoint hand-gesture model with TensorFlow.js, achieving 95% gesture-recognition accuracy in tests
- Integrated Johnny-Five for real-time servo control, reducing latency to under 100 ms
- Tech: HTML, CSS, JS, TensorFlow.js - 3D Hand points Detection Model, Express.js, Johnny-Five

[Demo](#)

Symplora - A Full-Scale Event Management Platform

MERN Stack | Ongoing

- Designed and developed an event management web app for college symposiums
- Tech: MongoDB, Express.js, React.js, Node.js (MERN), CSS, Parcel and JWT
- Features:
 - JWT & Bcryptjs - User Authentication and Authorization
 - NodeMailer & Brevo - SMTP Mail Services

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals (AZ-900)

Jun 2023

Coursera: Introduction to DevOps (IBM)

Nov 2022