

MONISH R

FULL STACK DEVELOPER INTERN | JAVA + REACT | EDUCATOR & INNOVATOR

CONTACT

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WORK EXPERIENCE

FULL STACK DEVELOPMENT TUTOR
(PART-TIME) May 2024 - March 2025

CSC COMPUTER EDUCATION,
MEDAVAKKAM

- Mentored 50+ students in Java, Spring Boot, HTML/CSS, React, C/C++, Python, Bootstrap.
- Taught backend concepts including JDBC, Servlets, JSP, MySQL, MongoDB.
- Trained in system administration and networking fundamentals.

EDUCATION

BACHELOR OF ENGINEERING (B.E.)

KCG College of Technology, Chennai
2023 – 2027

HIGHER SECONDARY CERTIFICATE (HSC)

Vidhya Matriculation Higher Secondar School Chennai
2022 – 2023

SECONDARY SCHOOL LEAVING
CERTIFICATE (SSLC)

Vidhya Matriculation Higher Secondar School Chennai
2020-2021

CERTIFICATIONS

Java Technology Certification — NEON Computer Education

- Completed with A+ division (90%) over 5 months
- Topics Covered:** Core Java, Advanced Java (JSP, Servlets), JDBC with Oracle 11g, MVC Architecture

Python Programming Certification — CSC Computer Education

- Completed over 6 months
- Topics Covered:** Core Python, Functions, Exception Handling, Modules, Inheritance

LANGUAGES

English

Tamil

OBJECTIVE

Motivated and hands-on B.E. Computer Science student with strong skills in Java Full Stack Development, IoT integrations, and real-world projects using Spring Boot and React. Seeking a backend or full-stack development internship to apply and grow my skills in building scalable, impactful software solutions.

TECHNICAL SKILL

- Languages:** Java, JavaScript, TypeScript, Python, C, C++, HTML, CSS
- Frontend:** React.js, Next.js, Redux, Tailwind CSS, Bootstrap
- Backend:** Spring Boot, Spring MVC, REST APIs, Servlets, JSP, Hibernate
- Databases:** MySQL, MongoDB, Firebase
- Tools & DevOps:** Git, Maven, Postman, Docker, Jenkins, WebRTC, Raspberry Pi
- Cloud & APIs:** Cloudinary, Google Drive, Twilio (SMS)
- Security:** JWT, OAuth2
- Architecture:** Microservices, MVC

PROJECTS

1. Oxygen Therapy Monitoring and Control System

Tech Stack: Java, Spring Boot, React.js, MySQL, Firebase, Tailwind CSS, Raspberry Pi, Python

- Monitors SPO2 levels and automates oxygen control via web/mobile app
- Role-based access (admin, doctor, caretaker), push alerts via SMS (Twilio), and emergency monitoring

2. VizhiAI – Video Conferencing App

Tech Stack: Spring Boot, WebRTC, React, Python (OpenCV)

- Tracks real-time face, eye, eye movement, and voice for interview evaluations

3. Fight Mechanics MMA Website

Tech Stack: Next.js, Tailwind CSS, Firebase, Twilio, Cloudinary, Google Drive

- MMA gym client project with dynamic content management and media storage

ACHIEVEMENTS

- Winner of Savitha Engineering College Hackathon — Real-time AI-enhanced video conferencing application.
- Successfully mentored 50+ students in backend development and full-stack technologies.
- Developed IoT-based oxygen monitoring system integrated with mobile/web platforms.