Mohammed Fazil

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EDUCATION

PA COLLEGE OF ENGINEERING   **2020-2024**
B. E in Computer Science and Engineering   *Mangalore, India*
- Coursework: Data Structures, Computer Networking, Object Oriented Programming

EXPERIENCE

Wyreflow Technologies   **Jan 2023-Sep 2023**
System Tester   *Bengaluru, India*
- Conducted thorough system testing of software applications to ensure functionality, performance, and security.
- Collaborated with development teams to understand requirements and ensure proper test coverage across multiple modules.
- Created and executed test cases, documented results, and reported defects using testing tools and tracking systems.
- Performed functional, regression, and integration testing to identify and troubleshoot issues.
- Assisted in the development of test strategies, test plans, and automated scripts to improve testing efficiency.

Besant Technologies   **Oct 2024-Present**
Java Full Stack - Apprecentiship   *Bengaluru,India*
- Currently pursuing a 6-month Java Fullstack Development course with 2 months of intensive training completed.
- Proficient in Java, Spring Boot, REST API development, and handling server-side logic.
- Building interactive user interfaces using HTML, CSS, and JavaScript.
- Gaining experience in SQL, database design, and using ORM tools for seamless integration.
- Working on real-world projects to develop end-to-end full-stack applications and improve problem-solving skills.

SKILLS

Languages: Java,Python
Web: HTML, CSS, JavaScript

PROJECTS (Portfolio)

IoT Cloud for Hydroponics System and Agriculture | Python | Django | Bootstrap | GitHub
- Designed and implemented IoT-based solutions for monitoring and controlling hydroponics systems, ensuring optimal growth conditions for plants (e.g., temperature, humidity, pH levels).
- Integrated sensors and actuators (e.g., water level sensors, temperature sensors) to automate irrigation and nutrient delivery.
- Utilized cloud platforms (e.g., AWS, Google Cloud, Azure) for real-time data collection, storage, and analysis from hydroponic systems.
- Created dashboards for remote monitoring of crop conditions, providing insights for decision-making.

Gym Management System | PHP | MySQL | HTML | CSS | GitHub
- Designed and developed a comprehensive Gym Management System (GMS) to handle membership registration, scheduling, billing, and class management.
- Architected a user-friendly, scalable, and secure platform for gym owners, staff, and members.
- Developed functionality for tracking member attendance, membership expiration, and renewal notifications.
- Created a real-time scheduling system that allows members to book fitness classes, personal training sessions, and other gym services.

Criminal Detection | Python | Django | Flask | Open CV | GitHub
- Designed and developed a comprehensive Criminal Detection System leveraging computer vision and machine learning techniques for real-time crime monitoring and analysis.
- Architected the system using Python, Django, Flask, and OpenCV to handle image processing, video analysis, and user interface.
- Implemented a secure identity verification system to cross-check individuals' faces against a database for authentication and alert generation.