# Muhammed Adil R

Full Stack Developer-Python

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## PROFILE SUMMARY

A Full Stack Developer adept at designing and deploying robust web applications, boosting user engagement, and delivering essential services. Strong analytical thinker with exceptional problem-solving abilities, complemented by excellent communication and teamwork skills.

## EXPERIENCE

**FULL STACK WEB DEVELOPMENT INTERN**          Dec 2024 – Jan 2025
**Unified Mentor**

- **Developed** two web projects (Chat Application & Weather App) from scratch using **HTML, CSS, JavaScript** , and **Node.js** .
- **Implemented** real-time communication in the Chat App with **WebSockets** , supporting room creation, text formatting, and message broadcasting.
- **Integrated** the **OpenWeatherMap API** into the Weather App to fetch and display live weather data with hourly/daily forecasts.
- **Applied** best practices for **front-end** (responsive UI, dynamic DOM updates) and **back-end** (API calls, data handling).
- **Demonstrated** proficiency in **asynchronous programming** , project structuring, and version control (Git).

## PROJECTS

**SMARTNEXA**  E-commerce Platform for Smart Home Devices | GitHub

- **Developed** a full-stack platform using **Python (Django)** and **React** to browse, compare, and purchase home automation devices.
- **Implemented** robust **Razorpay** payment integration for secure, real-time transactions and seamless checkout.
- **Integrated** user-friendly features like **order tracking**, **product recommendations**, and **inventory management** for a streamlined shopping experience.
- **Built** an **Admin Panel** with a dedicated dashboard to manage product listings, user accounts, and advanced analytics.
- **Leveraged** a **MySQL** database for efficient data handling, ensuring scalability and rapid data retrieval.
- **Tools Used:** Python, Django, React, MySQL, Razorpay

**CHAT APPLICATION**  A Real-Time Communication | GitHub

- **Developed** a real-time chat platform supporting multiple chat rooms, text formatting, and instant message updates via WebSockets.
- **Tools Used:** Node.js, WebSocket, HTML, CSS, Bootstrap, JavaScript

**WEATHER APP**  A Weather Forecasting Website | GitHub

- **Built** a web-based weather platform that integrates the OpenWeatherMap API for real-time forecasts, featuring daily and hourly weather data.
- **Tools Used:** HTML, CSS, JavaScript, OpenWeatherMap API

## SKILLS

### LANGUAGES
- Python • JavaScript • SQL

### FRONT-END
- HTML • CSS

### LIBRARIES & FRAMEWORKS
- React JS • Django • Jquery
- Django Rest Framework
- Bootstrap

### DATABASE
- MySQL • PostgreSQL

### ARCHITECTURAL PATTERNS
- MVT • Microservices

### VERSION CONTROL
- Git • GitHub

### PAYMENT GATEWAY
- Razorpay

### TOOLS
- VS Code • Postman

### OTHERS
- Agile Methodology
- Logical Thinking
- Communication

## EDUCATION

**Full Stack Web Development - Python**

**G-TEC Computer Education, Haripad**
2023 - 2024
Grade : A+

**BCA**
**KMEA College of Arts and Science**
2020 - 2023