

# MOHAMED ABITH M

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## Executive Summary

Aspiring Full-Stack Developer seeking a back-end-focused developer role, with expertise in Java, MySQL, HTML, CSS, and a strong understanding of Data Structures and Algorithms (DSA). Passionate about learning new technologies, I aim to develop efficient and innovative backend solutions. My problem-solving mindset, adaptability, and collaborative approach ensure I can add value and deliver impactful results.

## Education

**B.E Computer Science - Dr. Mahalingam College of Engineering and Technology** 2021 – 2025  
Current CGPA : 7.25

## Technical Skills

<b>Programming Language</b> <ul style="list-style-type: none"><li>• Java</li></ul>	<b>Web Development</b> <ul style="list-style-type: none"><li>• HTML, CSS</li></ul>
<b>DataBase Management</b> <ul style="list-style-type: none"><li>• MySQL</li></ul>	<b>Tools Expertise</b> <ul style="list-style-type: none"><li>• VS code, IntelliJ, GitHub</li></ul>

## Projects

<b>IoT-based Automatic Street Lighting System</b> <ul style="list-style-type: none"><li>• Developed a smart street lighting system that detects vehicles to optimize energy usage, operating at 30% power efficiency when idle, enhancing road safety.</li></ul>	Jan 2023 – May 2023
<b>Adverse Drug Reaction Prediction Using Deep Learning</b> <ul style="list-style-type: none"><li>• Built a model to predict Adverse Drug Reactions (ADRs) using patient data, leveraging dense and convolutional layers, evaluated with accuracy and AUC-ROC to enhance patient safety and drug development.</li></ul>	Mar 2024 – May 2024
<b>YouTube Web Clone Using HTML And CSS</b> <ul style="list-style-type: none"><li>• Created a YouTube clone using HTML and CSS, replicating the platform's layout and design with responsive features for an enhanced user interface experience.</li></ul>	Nov 2024

## Professional Experience

**Open Weaver - Intern** Jun 2023 – Jul 2023 | Chennai  
Learned HTML and CSS to design responsive web pages and developed a personal portfolio project, showcasing front-end skills and design proficiency.

## Certifications

- Infosys Spring Board - Database and MySQL
- AWS Academy Graduate - AWS Academy Cloud Foundation
- Cambridge Assessment - Business English Certificate

## Achievements

**ICSCSA - successfully published the paper entitled Adverse Drug Reaction (ADR) Prediction using Integrated Machine Learning and Deep Learning Approaches at the ICSCSA** Sep 2024

## Activities

- KPR Institute's fiesta'23 - Participated in the paper presentation on the topic of "IoT based automatic street lighting system".
- President of studio mcet - Led the team and organized various photography workshops and events, which enhanced my teamwork.