

# Mukesh M K

Aspiring Software Developer

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## Profile

Innovative and results-driven Computer Science graduate with a strong foundation in software development, system design, and analytics. Adept at leveraging modern technologies to build scalable applications and optimize system performance. Proven ability to contribute in team-oriented environments, communicate technical concepts effectively, and drive impactful outcomes through continuous learning and hands-on development.

## Training & Experience

**ZOHO - Graduate Studies**, Chennai - Incubation Trainee

Feb 2025 – Jun 2025

6-month intensive training in full-stack development, software engineering practices, and real-world problem solving. Exposure to live projects, code reviews, and mentorship from industry professionals at Zoho Corporation.

**TNS India Foundation (with Capgemini)** - Technical Careers Program

Dec 2023 – May 2024

Completed technical and professional training in SQL, Core Java 8, JPA with Hibernate, Git, Spring Boot, HTML5, CSS3, JavaScript and soft skills. Focused on full-stack web development and workplace readiness.

## Skills

Programming Languages: Java, Python

Backend Frameworks: Spring Boot, JPA with Hibernate, RESTful APIs

Databases: MySQL

DevOps & Tools: Docker, Git, Postman

Operating Systems: Linux

Networking: Understanding of OSI model, network protocols, and network troubleshooting techniques

## Projects & Achievements

### MemoryBook – Social Memory Sharing Web Application

A dynamic web application that enables users to share personal or public memories with friends or the global community. Developed using Spring Boot with MVC architecture, implemented RESTful APIs, and integrated MySQL via JPA/Hibernate for persistent data storage. Secured user access using JWT-based authentication and role-based authorization.

### MovieTime AI: A Full-Stack Conversational Agent for Smart Movie Ticket Booking

Built a scalable backend using Java (Spring Boot) and MySQL with secure authentication and modular REST APIs. Integrated a Python AI agent using Google Gemini to handle natural language queries. Enabled real-time, chat-based movie ticket booking through a React frontend.

## Certifications

SQL – HackerRank

Jan 2025

Docker Foundations Professional Certificate - LinkedIn

Jun 2024

JavaScript – GUVI

Aug 2023

Data Analytics – IBM

Jul 2023

DevOps – GUVI

Aug 2023

Cloud Essentials – Veranda

Mar 2022

## Education

### Anna University

Nov 2020 – Jun 2024

Bachelor of Engineering in Computer Science

CGPA: 8.62/10

### Our Angel Matriculation Higher Secondary School

Jun 2019 – May 2020

HSC

Percentage: 67%

### Our Angel Matriculation Higher Secondary School

Jun 2017 – May 2018

SSLC

Percentage: 85%