

TANZEERA FATHIMA

Software Developer

DOB : 27-06-2003



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EDUCATION

B.E – CSE

Panimalar Institute of Technology

2020–2024

CGPA – 8.49

SKILLS

- Java
- Html
- CSS
- JavaScript
- SpringBoot
- Flutter

LANGUAGE

- English
- Tamil
- French

CERTIFICATIONS

- "Java Programming" course offered by Great Learning Academy.
- API Product Manager from API Academy.

PROFILE

An energetic passionate Computer Science Software Engineer with basic Full stack Java Development knowledge. I believe my fast-learning abilities, commitment to succeed makes me a perfect fit for a Junior Software Engineer. Completed Final Year in Computer Science Engineering at Panimalar Institute of Technology, Anna University. Have strong communication and leadership skills.

WORK EXPERIENCE

Revature

Sep 2024 – Nov 2024

Java Full Stack Intern

- Developed "RevShop" eCommerce application in a 4-member Agile team using Java, Spring Boot, and microservices for modular and scalable architecture.
- Designed RESTful APIs with Spring Boot and Hibernate, optimizing database response time to under 100ms.
- Built responsive front-end interfaces using JS, JSP, HTML, and CSS to enhance user experience and navigation.
- Secured the application with Spring Security for role-based access; managed version control and project tracking via Git.

L & T (Internship)

Flutter Developer

Jan 2024– April 2024

- Developed mobile applications using Flutter, focusing on user-friendly interfaces and feature enhancements.
- Designed and implemented intuitive UIs, significantly improving user experience.
- Conducted thorough testing and debugging to ensure application quality and performance.
- Collaborated with the team to align project goals and delivered tasks on schedule.
- Integrated new features to enhance app functionality and performance, contributing to overall project success.
- Documented development processes and design decisions, ensuring clear communication and project transparency.

PROJECTS

RevShop – E-commerce Web Application

Nov 2024

- Developed "RevShop" as a microservices-based eCommerce application using Spring Boot, with services handling Products, Orders, and Payment functionalities independently.
- Implemented Spring Cloud Gateway for efficient API routing and Eureka for dynamic service discovery and registration.
- Enhanced resilience with Resilience4j circuit breakers and used Spring Cloud LoadBalancer for distributing traffic across service instances.
- Deployed microservices on AWS EC2 using Docker containers and managed orchestration with Kubernetes.
- Automated CI/CD pipelines using Jenkins, enabling seamless deployments and updates on AWS.
- Integrated Prometheus for real-time monitoring and performance metrics collection.

Depression Detection using machine learning

Jan 2024 – March 2024

- The Depression Detection System aims to detect depression by analyzing facial expressions, speech patterns, and text inputs.
- The system employs a multi-level attention-based early fusion network that combines features from these three modalities to predict the severity of depression.
- The attention mechanism allocates varying weights to different modalities, with text receiving the highest importance, followed by audio and video. This approach enhances prediction accuracy by providing a comprehensive understanding of the individual's emotional state through multiple data sources.
- This project was completed and submitted in college for final year project.

REFERENCE

Zack Dawood

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