

Mathesh Ravichandran

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SKILLS

PROGRAMMING

BACK END DEVELOPMENT

Java • Spring • SpringBoot

FRONT END DEVELOPMENT

HTML • CSS • Bootstrap

Familiar:

MySQL • H2 • Basic MongoDB

SOFT SKILL

Team player • Bias of action • Deliver Result

TOOLS

Git • GitHub • Eclipse • IntelliJ IDEA
• VSCode • PostMan • Swagger UI

EDUCATION

BCSM

BHARATHIDASAN UNIVERSITY

BSC IN INFORMATION TECHNOLOGY

May 2023 | Thanjavur

Major CGPA: 7.2/10

LINKS

Github:// [click here](#)

Leetcode:// [click here](#)

LinkedIn:// [click here](#)

Twitter:// [click here](#)

Facebook:// [click here](#)

Portfolio:// [click here](#)

DSA

DATA STRUCTURE

Arrays and Strings

Linked List

Stack and Queue

Tree

Hash Table

ALGORITHMS

Searching, Sorting

Divide and Conquer

Recursion

Greedy

Backtracking

COURSE

Data Structures and Algorithms (I)

Data Structures and Algorithms (II)

Developing Android Apps

OBJECTIVE

Java developer passionate about crafting efficient, maintainable code. Seeking to leverage technical skills in Java, Spring Framework, and SQL to contribute to innovative projects and collaborate with a dynamic team, driving software development excellence and achieving mutual success.

PROJECTS

E-COMMERCE

- Developed a scalable e-commerce platform using Java, Spring Boot, and Hibernate.
- Implemented features such as user authentication, product catalog management, and order processing.
- Integrated payment gateways and ensured PCI compliance for secure transactions.

SOCIAL MEDIA ANALYTICS DASHBOARD

- Built a social media analytics dashboard using Java and MongoDB.
- Developed analytics algorithms for sentiment analysis, trending topics, and user engagement metrics.
- Implemented data ingestion pipelines for collecting social media data from APIs.

REAL-TIME CHAT APPLICATION

- Developed a real-time chat application using Java with WebSocket for instant messaging.
- Integrated features such as group chats, file sharing, and message encryption.
- Used Java EE for back-end services and React for the front-end.

EMPLOYEE MANAGEMENT PORTAL

- Developed an employee management portal using Java, Spring MVC, and Thymeleaf, enhancing functionality for employee profiles, leave management, and payroll.
- Implemented role-based access control (RBAC) to manage user permissions and ensure data security with Spring Security.

ACHIEVEMENTS

- Produced fault-tolerant and efficient code, improving system reliability by 20%.
- Worked independently on the real-time chat application, delivering the project ahead of schedule.
- Implemented robust security measures – Integrated encryption and authentication protocols into the application, enhancing data protection and reducing security vulnerabilities by 30%.
- Optimized database queries – Refined SQL queries and indexing strategies, resulting in a 25% reduction in query response times and improved overall application performance.

HOBBIES

Travelling • Fitness • Kick-Boxing • Reading books • Nutrition • Self-Improvement