MOHAMED SIDDHIK I
Software Engineer - Backend

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SUMMARY

Dedicated and detail-oriented Junior Backend Developer with one year of hands-on experience in building web applications using Spring Boot. Proficient in Java programming, Spring Framework, and RESTful API development. Adept at database integration, unit testing, and continuous learning. Passionate about delivering high-quality code and collaborating within cross-functional teams.

WORK EXPERIENCE

Junior Software Engineer | DataSirpi Private Limited | 02.11.2022 - 22.02.2024 | Tirunelveli

– Developed & maintained RESTful APIs using Spring Boot, facilitating seamless communication between frontend and backend
– Collaborated with frontend team to design and implement API endpoints.
– Utilized Logger to implement logging and monitoring, aiding in identifying and resolving issues promptly.
– Implemented PDF generation in the backend using iText library, creating dynamic and customized PDF documents.
– Utilized Swagger UI to provide an interactive and user-friendly interface for exploring and testing APIs.
– Implemented image upload functionality using MultipartFile in Spring Boot, enabling users to upload images in local server.
– Implemented Spring Data JPA to manage database operations, reducing data access complexities and improving performance.
– Actively participated in code reviews, ensuring code quality, best practices, and adherence to coding standards.
– Implemented image upload functionality using S3 bucket, enabling efficient storage and retrieval of images in the application.
– Assisted in troubleshooting and debugging, identifying and resolving issues to maintain application stability.
– Collaborated with the team to continuously refactor and optimize code, improving overall application performance.
– Implemented i18n and l10n features using message changes to support Ukrainian, French, Tamil, and Arabic languages.
– Integrated Twilio SMS notification functionality into the MysmsMantra platform for sending real-time notifications to users for account verification, appointment reminders.
– Implemented exception handling and interceptor functionalities in Spring Boot to ensure robust error management and request/response interception for logging, authentication, and other purposes.

Junior Software Engineer | Analy Inc | 02.05.2022 - 17.10.22 | Bengaluru

– Collaborated with the frontend team to build interactive and responsive user interfaces using React.js.
– Developed reusable UI components, enhancing code maintainability and improving development efficiency.
– Assisted in implementing state management using React's Context API and Redux (basic level).
– Worked closely with designers to transform mockups into functional UI components, ensuring a seamless user experience.

SKILLS

Programming Languages: Java
Frameworks: Spring Boot, Spring MVC, Spring Data JPA, Microservices, Hibernate.
API Development: REST
AWS : S3 Bucket
Identity and Access Management: Keycloak
Template Engine : ThymeLeaf

PDF Generation: iText Library , Flying Saucer
Database: MySQL, Hibernate, MongoDBp
IDE's: VS code, IntelliJ, Spring Tool Suite(STS)
Version Control: GitHub
Testing: JUnit, Mockito, Swagger, Postman
Security: Spring Security basics
Logging & Monitoring: Logback, SLF4J
Dependency Management: Maven and Gradle
Web Fundamentals: HTTP, Status Codes
Frontend Basics: HTML, CSS, JavaScript, browser development tools

EDUCATION DETAILS

MASTER OF COMPUTER APPLICATIONS (MCA) | **BHARATHIDASAN UNIVERSITY** | **2018 to 2020 | 7.7 CGPA**

BACHELOR OF COMPUTER SCIENCE (B.Sc CS) | **BHARATHIDASAN UNIVERSITY** | **2014 to 2017 | 6.9 CGPA**

HIGHER SECONDARY CERTIFICATE (HSC) | **STATE BOARD OF TAMIL NADU | 2012 to 2014 | 68.75 %**

SECONDARY SCHOOL LEAVING CERTIFICATE (SSLC)| STATE BOARD OF TAMILNADU | 2011 to 2012 | 65.2 %

PROJECT

1. Create a CRUD for the Student Management System using Spring boot(Java 16, Spring boot, Spring MVC, Spring Data JPA, MySQL, Thymeleaf)
2. Spring Security –Create an admin and employee login credential using keycloak
3. Microservices – simple online shopping application (Spring boot, Keycloak, MySQL, MongoDB, RabbitMQ)
4. ReactJS – create a todolist using MERN.

OTHER SKILLS

– Strong problem–solving and analytical skills
– Excellent communication and collaboration abilities
– Agile/Scrum development methodologies
– Familiarity with RESTful API design principles
– Basic knowledge of software design patterns
– Comfortable working in Unix/Linux environments
– Proficient in Microsoft Office Suite (Word, Excel, PowerPoint)
– Ability to adapt and learn quickly in dynamic environments

HOBBY AND INTREST

– Traveling and exploring new cultures
– Hiking and outdoor activities
– Reading technology blogs and articles
– Memes creating

DATE :

PLACE : TIRUNELVELI

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