Abinesh **R.**

JAVA SOFTWARE ENGINEER / JAVA DEVELOPER
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Objectives

SOFTWARE ENGINEER

Aspiring Java Software Engineer / Java Developer with strong skills in Java, Spring, Spring Boot, and Spring Data MongoDB. Looking to use project and freelance experience to create innovative software solutions. As a fresher, dedicated to high-quality code and eager to grow in a team environment

Skills

PROGRAMMING LANGUAGES

- Intermediate in `Core Java`.
- Good understanding of [`Python, HTML, CSS, JavaScript, SQL, NoSQL, OPPs`].
- Familar of data modeling languages: [`JSON, YAML, XML`].

FRAMEWORKS

- Develop Experience with Java Frameworks [`J2EE, Servlets, Spring, Spring Boot, Spring Data JPA, Spring Data MongoDB, Spring Security, Thymeleaf`].
- Solid understanding of `Spring MVC`

CLOUD

- Proficient in `AWS` cloud services including [`EC2, S3, Route53`]..
- Experience hosting Spring applications on `AWS`, ensuring scalable and reliable deployment.

DATABASE TOOLS

- Good understanding of SQL Databases [`PostgreSQL, MySQL`].
- Good understanding of NoSQL Databases `MongoDB`.

FOUNDATIONS

- Good understanding of [`Java 8, Multithreading, Collection Framework, Stream api, Functional Programming`] in Java.
- Proficient in `Linux` with [`Debian, Arch`] based distributions.
- Good understanding of [`RESTful, GraphQL, Microservices, API`] design in `Backend Development`.
- Basic familiarity with `Docker` for containerization principles.
- Good understanding of version control system [`Git, Github`].

Experience

Freelance
Tamil Nadu, India

SOFTWARE ENGINEER
Feb. 2024 - Present

- Developed a REST API for an inventory management system using Java and Spring Boot.
- Designed and implemented RESTful endpoints for inventory operations.
- Utilized Spring Data MongoDB for efficient data storage and retrieval.
- Ensured robust error handling and validation for API endpoints.
- Collaborated with the client to gather requirements and deliver solutions on time.
- Deployed and hosted the application on AWS for scalability and reliability.

Education

Ramakrishna Mission Vivekananda College
Tamil Nadu, Chennai

B.S. IN COMPUTER SCIENCE
2021 - 2024

CGPA: 7.3

Government Higher Secondary School
Tamil Nadu, Brammadesam

HIGHER SECONDARY CERTIFICATION
2020 - 2021

Percentage: 77.5

Projects Experience

Inventory Management System
Java, Spring, Spring Boot, MongoDB
- Developed using Java and Spring Boot for robust backend services.
- MongoDB employed as the database for flexible and scalable data storage.
- Implemented secure user authentication and authorization using Spring Security.
- Deployed on AWS for scalable hosting, leveraging services like EC2 and S3.

Student Management System
Java, Spring, Spring Boot, MariaDB, Thymeleaf, Html, Css
- Developed a simple student management system using spring
- Intuitive UI, responsive design, data integrity.

Image Text Extraction
Java, Spring, Spring boot, Thymeleaf, Html, Css
- Developed an Image Text Extraction project using Java, Spring, HTML, CSS, and JavaScript, utilizing OCR technology to extract and analyze text from images.
- Used Tesseract OCR library, image preprocessing, text parsing.

Book Store
Java, Spring, Spring boot, GraphQL, PostgreSQL
- Implemented CRUD operations for managing books and inventory.
- Utilized GraphQL for flexible and efficient querying of data.
- Integrated PostgreSQL for robust data storage and retrieval.

Rock Paper Scissor
JavaScript, Html, CSS
- Implemented interactive rock-paper-scissors game logic with a user-friendly interface.
- Implemented autoplay functionality and persisted the score using browser storage (localStorage or sessionStorage).

Links

Github : click-here
Hackerrank : click-here
Leetcode : click-here

Certification

Coursera Certification : Fundamental of java
Hackerrank Certification : Java Basics
Learntube Certification : Java quiz
Amigoscode certification : Spring Data MongoDB
Amigoscode certification : Spring security

Languages

Tamil [Native]
- Fluent in writing and reading documents.
- Fluent in oral.

English
- Fluent in writing and reading documents.
- Average in oral.