DINESH BABU B

Junior Software Engineer | Coimbatore | Immediate Joiner

dbabu7534@gmail.com | 8778672507 | https://www.linkedin.com/in/dinesh-babu-b-5a4664215

Summary

- A passionate Software Engineer with a B.E. in Computer Science Engineering (2024) and six months of experience as a Junior Software Engineer at Lavendel Consulting Private Limited.

- Proficient in React JS, Java, Spring Boot, SQL, and RESTful APIs, with expertise in Full Stack development, database management, and secure application design using Spring Security and JWT. Skilled in tools like IntelliJ IDEA and Postman, with strong teamwork and adaptability. Dedicated to delivering robust, high-quality solutions

SKILLS

- **Teck Stack**	Java, Java Script, React JS, Data Structure, OOPS, SQL, HTML5, CSS3
- **Frame Work**	Spring Frame, Spring Boot, Spring Data JPA & ORM, Spring Security
- **Tools**	MySQL, IntelliJ IDEA, Post Man API
- **Personal Skills**	Team Work, Adaptive Person, Trainer

WORK EXPERIENCE

Junior Software Engineer Trainee at Lavendel Consulting Private Limited – 06/m

- As a Junior Configuration Engineer at Lavendel Consulting, my primary responsibility was to develop and implement pricing strategies using the Pricefx tool.

- Utilized Java and Groovy Script to efficiently fetch customer data for pricing purposes, collaborating closely with cross-functional teams including sales, finance, and IT. Developed and implemented custom pricing rules and algorithms using Java and Price FX APIs

- Utilized SQL queries for comprehensive data analysis and precise manipulation within the Pricefx platform, enabling the loading of data to support pricing strategies and fixing pricing products

EDUCATION & CERTIFICATION

KPR Institute of Engineering and Technology | B.E CSE (2024 - Passed Out)

- B.E Computer Science – Graduated with 74%

UDEMY

- Java for Beginners, Spring 6 and Spring Boot 3

ACADAMIC PROJECT

E-Commerce Personalization

- Artificial Neural Networks (ANN) and Convolutional Neural Networks (CNN) to offer a comprehensive deep learning solution for e-commerce. By utilizing ANN for customer behavior prediction and personalized product recommendations, the system anticipates customer needs, improving engagement and driving conversions.

- The CNN component enhances product suggestions through image analysis, ensuring relevance and personalization. With a scalable architecture, the solution supports large volumes of data and images, making it ideal for growing e-commerce platforms. The system ultimately enhances the shopping experience, increases sales, and provides businesses with valuable, data-driven insights for strategic decision-making

SELF PROJECT

Background Verification Web Application

- Developed a CRUD-Based system for Managing Candidate records through a user-friendly interface, showcasing strong programming, database management, and software development skills. Designed and implemented secure user registration and login functionality with Spring Security and JWT for authentication and authorization.

- Built an interactive front-end using **React** with components designed to enhance usability and maintainability. Implemented React Router for seamless navigation and dynamic routing between pages such as candidate management, login, and registration.

- Designed and styled responsive web pages using **HTML, CSS, and React-Bootstrap**, ensuring a consistent user experience across various devices and screen sizes

- Created dynamic forms using the **useForm** hook from **React Hook Form**, combined with **Yup** and **yupResolver** for efficient form validation and error handling. This setup provided real-time feedback to users with error messages displayed dynamically based on validation rules.

- Utilized React state management techniques (e.g., Context API and useReducer) to handle complex data flows and ensure efficient rendering of UI components

- Enabled Dynamic Page Management by Admin, allowing customization of field orders (e.g., personal details, education details, professional details) dynamically through a Spring Boot API, with changes reflected instantly for new user entries.

- **RESTful APIs** built with Spring Boot for seamless client-server integration. Utilized Hibernate as the JPA provider to map Java objects to relational database tables and execute SQL queries, ensuring an efficient ORM solution

- Integrated front-end and back-end through **Axios** for secure API calls, enabling real-time data synchronization and efficient communication between the client and server.

- Delivered a robust, secure, and maintainable application demonstrating expertise in **full-stack Development**, database management, and application security