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OBJECTIVES:

Junior Full Stack Developer with hands-on experience in Java, Spring Boot, JavaScript, and HTML/CSS, React. Strong problem-solving skills and a passion for developing web applications. Seeking opportunity to contribute to a forward-thinking company while further improving my skills in a professional environment.

ACADEMICS:

- B. E COMPUTER SCIENCE AND ENGINEERING 2020 2024 with CGPA : 8.5

TECHNOLOGIES AND LANGUAGES:

LANGUAGES:

- Java
- JavaScript
- HTML/CSS

FRAMEWORKS & Database:

- Spring Boot
- React JS
- PostgreSQL
- MySQL
- MongoDB

IDE & Tools:

- Docker
- VS Code
- Eclipse IDE
- IntelliJ
- Postman , Git & Github

INTERNSHIPS:

- Full stack development at Infosys | Springboard
- Frontend Development at Code Bind Technologies & Web development

CERTIFICATIONS:

- Java Full stack Development at "Infosys Springboard"
- Java Full stack Development at "Great Learning"
- Java Script in "Europe Academy"
- Programing Test at "Skill Soft"
- AWS Attended conference

LINGUISTIC:

- ENGLISH
- TAMIL

PROJECTS:

1. **Project Requirement:** Automate CSV to PostgreSQL Upload to improve efficiency and reduce manual work.
   Description: Built a Spring Batch application to upload CSV data to PostgreSQL via a REST API.
   Technologies: Spring Boot, Spring Batch, PostgreSQL, REST API
   Responsibilities:
   - Developed batch jobs to process and upload CSV data.
   - Created a REST API to trigger uploads.
   - Optimized performance for large datasets.

2. **Project Requirement:** Build an event-driven microservice system for order processing with stock validation and email notifications using Kafka.
   Description: Developed event-driven microservices for order management, stock validation, and email notifications, using Kafka as the message broker for asynchronous communication.
   Technologies: Spring Boot, Kafka, REST API, Microservices
   Responsibilities:
     - Ordering Service: Created a REST API to validate and publish "Order Created" events to Kafka.
     - Stock Management Service: Subscribed to the event, validated stock, and published "Stock Validated" events.
     - Email Service: Subscribed to stock validation events and sent email confirmations (in Database).
     - Kafka Integration: Utilized Kafka to enable event-driven communication between services, ensuring decoupling and scalability.

3. **Project Requirement:** Develop a user management system with CRUD operations using PostgreSQL and REST API.
   Description: Built a user management system to handle user data with CRUD operations (Create, Read, Update, Delete) via a REST API, using PostgreSQL for data storage.
   Technologies: Spring Boot, PostgreSQL, REST API
   Responsibilities:
     - User Management API: Designed and implemented RESTful APIs to create, retrieve, update, and delete user records.
     - PostgreSQL Integration: Configured PostgreSQL as the database for storing user information.
     - CRUD Operations: Developed endpoints for managing user data, including validation and error handling.

4. **Project Requirement:** Develop an online restaurant webpage for browsing the menu and placing orders.
   Description: Built a dynamic restaurant webpage that allows customers to browse the menu and explore food items. Built using HTML for structure and CSS for the design, this webpage provides a simple yet effect platform for viewing restaurant offerings without complex interactivity.
   Technologies: HTML, CSS
   Responsabilites:
     - Frontend Development: Designed and developed he webpage using HTML to structure content, including a menu, pricing, and food descriptions.
     - Styling & Layout: Created an attractive, responsive layout with CSS, ensuring the website adapts to different screen sizes and looks visually appealing on all devices.
     - Menu Display: Organized the menu items in a clear and user-friendly format using HTML elements like tables, cards, and images, while styling them with CSS for better presentation.
     - User Experience: Focused on providing an intuitive and pleasant browsing experience, ensuring customers can easily navigate through menu items and view detailed information.

5. **Project Requirement:** Develop a full-stack movie database CRUD application with a React frontend, Spring Boot backend, and MongoDB database.
   Description: Built a full-stack application for managing a movie database where users can perform CRUD operations. The frontend was developed using React, the backend with Spring Boot, and MongoDB was used for storing movie data.
   Technologies: React, Spring Boot, MongoDB, JavaScript
   Responsibilities:
     - Frontend Development: Created a responsive and interactive user interface with React to allow users to view, add, update, and delete movie records.
     - Backend Development: Developed RESTful APIs with Spring Boot to handle CRUD operations for the movie database.
     - MongoDB Integration: Configured MongoDB to store movie details such as title, genre, director, and release year.
     - CRUD Operations: Implemented functionality for users to perform creates, read, update, and delete actions on movie data.
     - Full-Stack Integration: Integrated React with Spring Boot APIs, enabling smooth data flow between the frontend and backend, while ensuring efficient handling of movie records.