Raman A

Software Developer, 2+ years experience
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As a Java full-stack developer, I am proficient in developing and maintaining web-based applications using a combination of front-end and back-end technologies. With experience in Java and related web application frameworks, I am also skilled in designing and implementing database schemas, developing APIs, testing and debugging code, and deploying and maintaining web applications in production environments. My expertise in front-end development technologies like HTML, CSS, JavaScript, and various front-end frameworks, including Angular, React, and Vue.js, enables me to create user-friendly and responsive interfaces. Additionally, my ability to collaborate effectively with other team members helps ensure that the web application meets the business requirements and user needs.

INDUSTRIES: Education, Professional development

TECHNICAL SKILLS

• Java	1 years & 5 months
• Spring Boot	1 years & 5 months
• Manual Testing	1 years & 5 months
• Oracle	1 years & 5 months
• PostgreSQL	1 years & 5 months
• Automation Testing	1 years & 5 months

SOFT SKILLS

Critical thinking, Problem-solving, Time management

PROJECT DETAILS

• Student Course Registration

Project Description: A Student Management System is a software solution that is designed to help educational institutions manage their academic and administrative processes more efficiently. The system typically includes features such as student enrollment, attendance tracking, grade management, scheduling, and reporting. The following are some key features and functionalities that a Student Management System should include: Student enrollment: The system should allow students to apply for enrollment online and enable administrators to manage the enrollment process, including admission, registration, and fee collection. Attendance tracking: The system should provide tools to manage student attendance, such as taking attendance records, tracking attendance rates, and sending automated alerts to parents and teachers. Grade management: The system should allow teachers to enter grades for assignments, tests, and exams, calculate overall grades, and generate reports for parents and students. Scheduling: The system should enable administrators to manage class schedules, assign teachers to classes, and track student schedules. Reporting and analytics: The system should provide customizable reports and analytics to help administrators track student performance trends over time and identify areas for improvement. Communication: The system should facilitate communication between students, teachers, and parents, through tools such as messaging, chat, and forums. Security and compliance: The system should meet industry standards for data security and comply with regulations such as FERPA and GDPR.

Responsibilities: Created a UI Design and developed web pages using Thymleaf and Spring Boot Used Spring CRUD operations to call Web APIs to fetch data from the backend and update the data. Validation using Postman. Authentication Security Features with the help of Spring Boot, JSON Web Token (JWT) Used PostgreSQL to Store and Manipulate the data.

Technologies: Java, Spring Boot, Thymleaf, PostgreSQL

Industry: Education

• Trainee Evaluation Management Application

Project Description: educational institutions and training organizations manage trainee evaluations. The application provides an efficient and convenient way to create, distribute, and collect evaluations for trainees. The following are the key features and functionalities of a Trainee Evaluation Management Application: Evaluation Creation: The application should provide a tool for creating evaluations with customizable question types, such as multiple-choice, open-ended, and rating scales. This enables trainers and instructors to create evaluations that are specific to their course content and objectives. Evaluation Distribution: The application should provide a platform for distributing evaluations to trainees, including automated email notifications and reminders. This ensures that trainees are aware of the evaluation and have ample time to complete it. Evaluation Collection: The application should provide a secure and easy-to-use platform for collecting evaluations from trainees. This includes features such as submission tracking, automatic grading of certain types of questions, and feedback mechanisms for both trainers and trainees.

Responsibilities: Created a UI Design and developing web pages using React JS, Material UI. Used React Axios to call Web APIs to fetch data from backend and update the states using CRUD operations in Spring Boot Validation using Postman. Authentication Security Features with the help of Spring Boot, JSON Web Token (JWT) Used PostgreSQL to Store and Manipulate the data.

Technologies: React JS, Java, Spring Boot, PostgreSQL

Industry: Professional development

EMPLOYMENT HISTORY

• Software Developer

Description: Developing and maintaining web-based applications should be able to develop and maintain web-based applications using the Java programming language. Designing and implementing database schemas to design and implement database schemas and be proficient in SQL and other database technologies. Front-end development should be proficient in front-end development technologies such as HTML, CSS, JavaScript, and various front-end frameworks like Angular, React, or Vue.js. Back-end development proficient in server-side technologies such as Java, Spring Framework, Node.js, and various other web application frameworks. API development to design and develop APIs for the web applications using REST, SOAP, or other web service protocols. Testing and debugging to test and debug the application code to ensure that it is reliable, scalable, and efficient. Deployment and maintenance to deploy and maintain web applications in production environments, ensuring that they are secure, stable, and performant. Collaboration with team members able to work collaboratively with other team members, including project managers, designers, and quality assurance engineers, to ensure that the web application meets the business requirements and user needs.

EDUCATION

• Bachelors degree in BE MECH from Anand Institute of Higher Technology 2016 - 2020

LANGUAGES

• English - intermediate

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