PRAGNA PATTIPATI, MCA

JAVA FULL STACK DEVELOPER

Java full stack developer offering 8 months of success in backend and frontend development using Java, Spring Boot, and React

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SUMMARY

I am a certified Java full stack developer with a Master of Computer Applications and hands-on experience in web development. I have successfully completed two full-scale Java projects and am dedicated to continuous learning. My communication and problem-solving skills allow me to work effectively with teams and contribute to projects success. I am currently seeking a full-time position to leverage my skills and drive organizational growth.

TECHNOLOGY SKILLS

Frontend Technologies: HTML, CSS, JavaScript React.js
Backend Technologies: Java, Spring Boot, RESTful APIs
Databases: MySQL, SQL, Oracle
Build & Deployment: Maven
Version Control: GitHub, Git
Cloud Platforms: AWS, Azure (Familiarity)
Web Services: REST API, JSON
Frameworks & Tools: Hibernate, JPA
Testing Tools: JUnit
Development Tools: Eclipse, STS, VS Code, Postman

PROFESSIONAL EXPERIENCE

Java Full Stack Trainee   2024 – Present

- Developed and maintained web applications using **Java, Spring Boot, and React/Angular**.
- Designed and optimized **RESTful APIs** for seamless data exchange.
- Implemented **frontend components** with responsive UI frameworks like Bootstrap and Material-UI.
- Worked with **SQL databases (MySQL/Oracle)** for data storage and retrieval.
- Debugged and optimized code to enhance performance and security.
- Assisted in **unit testing and integration testing** using Junit.

Responsibilities:

- Developed and deployed full-stack web applications.
- Designed and maintained relational databases with SQL.
- Integrated **backend APIs with frontend frameworks** for dynamic web experiences.
- Worked with **version control systems (Git, GitHub)** for efficient code management

PROJECTS

1. BRAIN TUMOR DETECTION USING MACHINE LEARNING
Technologies Used: Python | SQL | Machine Learning

- Implemented a neural network for detecting brain tumors with high accuracy in medical images.
- Increased speed and accuracy of tumor detection, aiding early identification and treatment.
- Utilized CNN (Convolutional Neural Networks) for feature extraction and classification of MRI scans.
- Trained the model using Python achieving improved precision in diagnosis..

2. Banking Management System (Full Stack Project)
Technologies Used: Java| SQL | React.js | Spring boot | React API | Postman

- Developed a full-stack Banking Management System to manage bank accounts and transactions.
- Implemented backend services using Spring Boot, handling account creation, transactions, and user authentication.
- Created a responsive frontend with React.js, HTML, and CSS for an intuitive user experience.
- Utilized MySQL for database management, securely storing customer details and transaction records.
- Integrated REST APIs to ensure smooth data exchange between frontend and backend.

3. Employee Salary Management System (Full Stack Project)
Technologies Used: Java| SQL | React.js | Spring boot | React API | Postman

- Developed a full-stack Employee Salary Management System to automate payroll processing.
- Implemented backend services using Spring Boot, handling salary calculations, employee data, and tax deductions.
- Created a responsive frontend with React.js, HTML, and CSS for an interactive user experience.
- Utilized MySQL for database management, storing employee records and salary details securely.
- Integrated REST APIs for smooth data flow between frontend and backend.

EDUCATION

- Master of Computer Application (MCA) from Priyadharshini college of engineering and technologies   2021-2023
- Bachelor of Computer Applications (BCA) from Rao's degree college   2018-2021
- PUC from Dk women's college junior college   2016-2018
- SSC from Z.P. High School, Andhra Pradesh   2015-2016

LANGUAGES

- **English**
- **Telugu**