RAKESH GANGA

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PROFESSIONAL EXPERIENCE

YOTTA TECH PORTS INC — **Hyderabad, India**
Associate Engineer 2 — **Apr 2023-Present**
Associate Engineer 1 — **Dec 2020-Mar 2023**

Backend:

- Developed robust and efficient back-end applications using Java and Spring Boot framework.
- Implemented RESTful APIs for seamless communication between front-end and back-end systems.
- Implemented data access using Spring Data JPA, enabling efficient CRUD operations.
- Optimized the api by refactoring the DTO, resulting in 10% more faster response time.
- Implemented pagination to efficiently handle and display large sets of data.
- Optimized database queries and indexing strategies, resulting in a 40% reduction in query execution time.
- Implemented logging using frameworks like Logback or Log4j.
- Resolved critical production incidents by identifying root causes, implementing fixes, and deploying patches in a timely manner.
- Conducted knowledge-sharing sessions to onboard new team members and facilitate cross-functional collaboration.

Frontend:

- Developed interactive user interfaces using React.js, ensuring high performance, responsiveness, and seamless user experience.
- Implemented state management using Redux, ensuring efficient data flow and predictable application state.
- Utilized React Router for creating dynamic, single-page applications with smooth navigation and optimized rendering.
- Implemented the SEO by creating a sitemap of the reactjs application.
- Implemented google analytics to monitor user interaction through google analytics dashboard.
- Implemented automated testing using tools like Jest to ensure code quality and robustness, achieving a high level of test coverage.

Collaborated in an Agile/Scrum environment, participating in sprint planning, daily stand-ups, and retrospectives to deliver features on time and respond effectively to changing requirements.

TECHNICAL SKILLS

Backend Technologies: Spring, Spring Boot, Django, Django Rest Framework, Node.js, Express.js, Flask
Programming Languages: Java, JavaScript, Python
Database Systems: PostgreSQL, MySQL, DynamoDB
Frontend Technologies: React.js, Redux, Angular, React-Native, HTML5, CSS3, JavaScript (ES6+)
Version Control: Git, GitHub, BitBucket
Deployment & CI/CD: Jenkins, GitHub Actions
Cloud Providers: AWS, Digital Ocean
Testing Frameworks: Jest, Pytest
Agile/Scrum Methodologies

PROJECT DETAILS

PERFORMANCE MANAGEMENT SYSTEM(PMS)
This initiative focuses on assessing employee performance at the assessment level and monitoring performance trends. It includes a feature for 360-degree feedback and enables the storage of historical employee data.
Modules Worked on:
Employee List, Historical Assessments, Goals Screen, Employee Dashboard
Tech stack:
 Spring Boot, PostgreSQl, AWS, HTML, CSS, JavaScript, Java, React JS, Redux, Redux-thunk, Jest,React Testing library.

HroGuide

platform that facilitates mutually beneficial relationships between HRoutsourcing buyers and sellers. Our team of HR professionals and subject matter experts designed a suite of products and services to empower both parties, bridging the gap between readily available online resources and high-cost consulting firms. Leveraging focused expertise in the HRO landscape, we provide invaluable insights and tools for more informed decision-making.

Modules Worked on:

Admin(Users, Company, Products, Categories), Company, Product, Category

Tech stack:

 Spring Boot, PostgreSQl, AWS, HTML, CSS, JavaScript, Java, React JS, Redux, Redux-thunk, Jest, React Testing library.

EDUCATION

KAMALA INSTITUTES OF TECHNOLOGY AND SCIENCE   Karimnagar
Bachelor of Technology, Electrical And Electronics Engineering   2017-2020

ADDITIONAL INFORMATION

- Awards: Best team player 2022 (in Yotta tech ports)