AJAYRAJ A R

FULL STACK DEVELOPER

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Summary

- **Dedicated Full Stack Developer** with comprehensive experience in both front-end and back-end technologies.
- Committed to delivering quality work and ensuring **on-time delivery** of features with great quality.
- Successfully implemented **soft delete functionality** in a project using status flags, covering the front end, back end, and database, without any bugs.
- Created a helper named **Delegation Helper for IBM's OpenPages** application to delegate tasks from one user to another, using **React JS and Redux Toolkit** to manage the state globally.
- Strong background in creating **dynamic and responsive web and mobile applications** as well as **RESTful APIs**.
- Proficient in **React JS, React Native, Node.js with Express,** and **MySQL with Workbench**.
- Skilled in building and maintaining **scalable, high-performance applications**.

Experience (1+ Years)

Junior Software Engineer (1 Year), RoadE Labs Pvt.ltd – Kochi, Kerala   **Sep 2023 – Present**

- Added a new logger using Pino instead of the built-in console to the Node js project(APIs) by updating the request object with a middleware to avoid unwanted imports in each file.
- Implemented soft delete functionality in a project using status flags(working across the front end, back end, and database).
- Created an API using Node.js with Express.js for logging into a mobile application for multiple user types. (e.g., student, faculty, alumni).
- Implemented a function that can be used in any data listing APIs to implement pagination.
- Implemented a chatbot on the RoadE Labs official website.Handled both front end design implementation and API integration.
- Created a web application with React JS to implement a delegation helper for delegate tasks to others in the OpenPages application. Designed the application using Carbon React and utilized Redux Toolkit for state management.
- Attended training on payment gateway integration in mobile apps and APIs using Razorpay.
- Completed Payment gateway integration in mobile app (Koble Connect-POC) and APIs using Razorpay.
- Contributed to a hotfix for a mobile application in production to optimize performance and fix API-related bugs.
- Implemented a user guide in the web app for a product named STREAMHALL, which is a learning platform.
- Implemented SEO optimization on several pages of the RoadE Labs official website, which was created using React, with the help of React Helmet.
- Created various views using joins in MySQL instead of using subqueries directly in APIs to retrieve details from different tables.
- Managed an internal project named TASKSPHERE as a lead, working with interns. Created the entire project structure for the front end (Web App - React Js).
- Completed many PR reviews as a reviewer in Bitbucket, raised by the interns in the project TASKSPHERE.

Software Engineer Intern (3 Months) , RoadE Labs Pvt.ltd – Kochi, Kerala   **Apr 2023 – Aug 2023**

- Completed a project named Alcoguard, which includes a web app for the admin panel and a mobile app for the user side. Handled the front end, API, and database design for both the mobile app (React Native) and the web app (React JS).
- Attended training on Git process and workflow.
- Completed training on API development with Node.js and Express and on how to test APIs with Postman.
- Completed testing and created a bug report in Excel for a product website at RoadE Labs Pvt. Ltd.
- Deployed APIs and database for a project named Alcoguard on a VM in AWS.
- Created Database Design and SRS documentation for the Alcoguard project.

Skills

- Project Management - Agile methodologies,Scrum,Project plan creation.
- Leadership - Team leadership,Mentoring.
- Soft Skills - Problem solving,Time management,Self Learning,Patience.

Technologies

Web Technologies: JavaScript, HTML, React js, Node js (Express)

Mobile Technologies: React Native

Languages: C, C++, Java, Python, PHP

Database: MySQL, MongoDB

Tools and Platforms: MySQL Workbench, VS Code, Notion, Postman, Jenkins, Figma, Bitbucket, Jupyter Notebook, S3 Bucket, Android Studio, Azure Blob Storage, Firebase (Push Notification, Realtime Database)

DevOps: AWS,Git,Docker

UI Libraries: GlueStack UI, Carbon React, Material UI, Bootstrap

Education

Union Christian College, Aluva, India - Master of Computer Applications (MCA) - **CGPA: 7.81/10**   **2021 – 2023**
Nirmala College, Muvattupuzha, India - Bachelor of Computer Applications (BCA) - **Grade: B**   **2018 – 2021**

Projects

1. **Koble Connect (RoadE Labs Pvt.ltd)**

   - Koble is a platform designed to help users discover business opportunities, job listings, events, and interest groups within their communities.
   - **Technologies:** React JS, React Native, Node.js with Express, MySQL (Workbench)
   - **Roles and Responsibilities:**
     - Developed and maintained the front-end and back-end components of the application using React JS,React Native and Node.js with Express.
     - Implemented user authentication and authorization features to ensure secure access and data protection.

- – Designed and optimized database schemas and queries in MySQL to support efficient data retrieval and storage.
- – Collaborated with team members to integrate various features and functionalities, ensuring a seamless user experience.
- – Debugged and resolved issues related to both client-side and server-side code, improving overall application performance.

2. **Task Sphere (RoadE Labs Pvt.ltd)**

   - Task Sphere is a project used to manage all the tasks of an employee in the organization, such as time sheet creation and submission, PR creation and review, task creation, and delegation.
   - **Technologies:** React JS, Node.js with Express, MySQL (Workbench)
   - **Roles and Responsibilities:**
     - – Served in a lead role, overseeing the development of Task Sphere, including project planning, execution, and delivery.
     - – Collaborated with stakeholders to gather requirements and translate them into technical specifications.
     - – Implemented reusable components for form fields, including text inputs, dropdowns with single and multi-select options, and textareas, with field validations that can be configured from a parent component in web application.
     - – Utilized React JS for front-end development and Node.js with Express for back-end services.
     - – Designed and maintained database schemas and queries in MySQL to ensure efficient data management.
     - – Conducted regular code reviews and provided mentorship to junior developers to maintain high code quality.

3. **Streamhall (RoadE Labs Pvt.ltd)**

   - Streamhall Corporate Trainer is a comprehensive solution designed to meet the training and awareness needs of various sectors, including corporates, hospitality establishments, healthcare organizations, defense, and governance bodies. It offers features to streamline training processes and ensure compliance with industry standards.
   - **Technologies:** React JS, React Native, Node.js with Express, MySQL (Workbench)
   - **Roles and Responsibilities:**
     - – Developed and integrated front-end features using React JS to enhance user interface and experience.
     - – Implemented back-end services with Node.js and Express to calculate the scores of randomised quizzes.
     - – Collaborated with cross-functional teams to ensure the application met the requirements and complied with industry standards.
     - – Conducted testing and debugging to identify and resolve issues, ensuring smooth and reliable application performance.

4. **Delegation Helper - IBM OpenPages (RoadE Labs Pvt.ltd)**

   - Delegation Helper is a web application that can be integrated with the IBM OpenPages application to delegate tasks.
   - **Technologies**: React JS
   - **Roles and Responsibilities:**
     - – Developed the web application using React JS and used Redux Toolkit for global state management in the Delegation Helper.
     - – Designed and implemented the user interface of the web app using React JS, with the help of Carbon React, to ensure a responsive and engaging user experience.

– Integrated with APIs for the user listing,task listing and task delegation.

   – Conducted testing and debugging to identify and resolve issues.

5. **RoadE Labs Official Website (RoadE Labs Pvt.ltd)**

   - Contributed to the development by creating several components for the official website of RoadE Labs Pvt. Ltd.

   - **Technologies**: React JS

   - **Roles and Responsibilities:**

     – Designed and implemented the user interface of the website using React JS to ensure a responsive and engaging user experience.

     – Integrated various front-end features and optimized website performance for better user engagement.

     – Conducted testing and debugging to identify and resolve issues, ensuring the website's stability and functionality.

     – Provided ongoing support and maintenance to address any technical issues and implement updates as needed.

6. **Alcoguard (Academic Project - MCA)**

   - Alcoguard is a project aimed at reducing alcohol consumption. The project includes a web app for the admin panel and a mobile app for the user side.

   - **Technologies**: React js,React Native,Node Js with Express,MySQL.

Certificates

- **Full Stack Web Development Program Demo Session** - by Edureka (Nov 5,2022)

- **Basics of HTML/CSS For Beginners** - by OpenWeaver (Apr 26,2023)

- **Linux System Administration** - Webinar certificate of Participation (Feb 19,2022)

- **Python For Data Science** - (Jan-Feb,2023)

- **Externship program on Applied Data Science** - powered by IBM (Feb 14,2022)

- **Predicting Employee Promotions using Machine Learning** - by smartInternz (Feb 14,2022)

- **IBM Cloud Essentials V3** (Feb 6,2023)

- **DevOps Fundamentals** (Feb 4,2023)

References

Liz Thomas, CEO, RoadE Labs Pvt Ltd

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