Ajay Abhishek Ratha
Executive Software Engineer

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JOB OBJECTIVE

Result-driven professional targeting assignment in **Full Stack Development** with an organization of high repute. I'm excited to learn about new technologies, System design, Data structures, and Algorithms in order to develop a high-quality product, enhance my career, and provide a value-added solution to my team.

SUMMARY & OBJECTIVE

- Offering **2+ years** of rich & extensive experience across Software Development/ Full Stack Development currently associated with Soft Suave Technology Private Limited as Executive Software Engineer
- Proven acumen in implementing & governing software engineering processes, practices, tools and standards for development teams; possess brilliant knowledge of working on **ReactJS and NodeJS**
- Adept in developing designs and solutions from prototypes and proofs of concept to implement fully scaled solutions, based on quality designs & technology architectures
- Expertise in initiating, managing & leading the development/implementation of competency management, performance management, knowledge base management, complaint management processes & tools
- Strategist & implementer with in-depth knowledge of Software Development Lifecycle (SDLC) right from requirement analysis, documentation (functional specifications, technical design), coding and testing (preparation of test cases with implementation) for maintaining proposed applications

EDUCATION

Master of Computer Application (MCA).
April 2018– June 2020

Biju Patnaik University of Technology (BPUT), Rourkela Odisha

EXPERIENCE

SoftSuave Technologies, Bangalore. - *Executive Software Engineer*
May 2021 - Present

- Design client-side and server-side architecture.
- Developed and maintained web applications using the **MERN stack.**
- Implemented RESTful APIs using Node.js and Express.js for server-side development.
- Designed and developed responsive and user-friendly interfaces using React.
- Implemented user interfaces using HTML, CSS, Material UI, and JavaScript.
- To maintain type safety in React projects using TypeScript.
- Used graphql with codegen and apollo graphql client for cache.
- Integrated MongoDB for efficient data storage and retrieval.
- Conducted thorough testing and debugging to identify and resolve issues.
- Stayed updated with the latest trends and best practices in MERN stack development.
- Develop and manage well-functioning databases and applications. Write effective APIs.
- Creating AWS EC2 Instance, S3, Load Balancer and running projects on Instance.
- Crating and deploying Lambda function with use of API gateway. Worked with Socke.io for live data updates.
- Worked on Nginx configuration for reverse proxy and let's encrypt.
- Used PM2 and Docker for running servers on EC2.
- For deployment automation, I used Jenkins and CI CD Pipeline
- Using Github as a code hosting platform for version control and collaboration.
- Collaborated with cross-functional teams to gather requirements and ensure successful project delivery.

CORE COMPETENCIES

Data Structures
ReactJS
NodeJS
Microservice
Software Development Lifecycle
Project Handling

TECHNICAL SKILLS

HTML/HTML5

CSS/CSS3, SCSS

JavaScript

TypeScript

Object-oriented Programming

React JS

Next.Js

Material UI

Styled Components

React Query

Apollo Graphql Client

Redux, Redux Saga

React-Router-Dom

StoryBook

Jest, React testing library

Webpack, Vite, Eslint, Prettier

formik

Graphql

NodeJS

Express JS

Middleware

MySql, MongoDB, Redis

JWT, RABC

AWS, Docker, Jenkins, Linux

Nginx

Git, CI/CD, Git Actions

Agile/Scrum

PROJECTS

- **Ambient Ai (April, 2022 – Present):**
  - Ambient.AI is transforming enterprise security operations with computer vision intelligence to prevent security incidents from occurring in the first place. User can set a costume alert, for example if a person is detected in a certain area, the alert will come to the user etc...
  - Worked in **ReactJS**, **NodeJs**, **ExpressJS**, Material UI, Redux, React Router, ApolloGraphQL, Storybook, Jest, React testing library, **Microservices**, **MySQL**, etc.
  - Worked as a Senior Full Stack Developer for that Project.
  - **Responsibilities**

    - Clarifying the end user's requirements. Analyzing the requirements and providing estimates.
    - Determining the structure and design of web pages.
    - Backend REST API creation.
    - REST API Integration in front-end
    - Implementing user authentication and authorization mechanisms, such as JWT (JSON Web Tokens), to secure APIs and manage user access.
    - Deployment of the project on development and production servers using Docker.

- **Ryder (September, 2021 – March, 2022):**
  - Ryder is a transportation management service where a user can rent a 2PTruck, 4PTruck and 6PTruck and The vendor can track the data of the user.
  - Worked in Node JS, ExpressJS, ReactJS, JWT, Middleware, React Native, AWS, MongoDB, Nodemailer, Socket.IO, ViroReact, Docker, Jenkins, etc.
  - Worked as a Senior Full Stack Developer for that Project.
  - Managed their Teams and Single Handedly completed their Customer Mobile App.
  - **Responsibilities:**

    - Setup backend architecture as per the requirement
    - Deployment of code on development and production server
    - Create backend APIs for scheduling and notifications.
    - Handle Database structure and stored procedure.
    - Support front-end team during integration.
    - Integrated payment gateway and creating PDFs and sending emails to users with rent details
    - Created pipeline in Jenkins

- **The Radio (May, 2021 – August, 2021):**
  - The Radio is a music streaming service where users can listen to their favorite podcasts or music and share with anyone.
  - Worked in **ReactJS**, **NextJS**, Node JS, ExpressJS, Material UI, SCSS, Redux, React Router, Middleware, etc.
  - Worked as a Full Stack Developer for that Project.
  - Worked closely with the client team to deliver the Project on time and fulfilled all the requirements
  - **Responsibilities:**

    - Writing high-quality, modular, and maintainable code following best practices and coding standards.
    - Implementing state management solutions such as Redux or Context API to manage the application's data and state effectively.
    - Integrating GraphQL endpoints to retrieve and update data from backend servers
    - Optimizing application performance through code optimization, lazy loading, and other techniques to ensure fast and efficient rendering.

AWARDS

- Received an **Appreciation letter** for a smart worker during Q2 2022 by Soft Suave Technology Private Limited
- Recognized as **Best Performer** of Q3 2022 by Soft Suave Technology Private Limited

PERSONAL DETAILS

Date of Birth: 1st June 1997
Languages Known: English, Hindi, Odia
Address: Mirigini, Nilgiri, Balasore, Odisha, 756040