

# Ajay Abhishek Ratha

Executive Software Engineer

Ashraya Layout, Brookfield,  
Bangalore, Karnataka, 560048  
+91 9938012733  
ajayratha97@gmail.com



## 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

**ReactJS**

**NodeJS**

**Software Development Lifecycle**

**Bug Fixing**

**Risk Management**

**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