

# Ajay Rathod

## Full Stack Developer

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### PROFILE

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Experienced Full Stack Engineer with 3 years of expertise in React, Node.js, Express.js, and JavaScript specializing in building scalable RESTful APIs and backend systems. Proficient in working with MySQL for designing and optimizing relational databases, and integrating with third-party services. Experienced in API testing and unit testing using tools like Jest and version control with Git.

### PROFESSIONAL SYNOPSIS

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- Proficient in developing single-page applications (SPAs) using React.js, along with creating RESTful APIs with NodeJS to ensure seamless data integration.
- Skilled in creating RESTful APIs using NodeJS and testing those APIs with JUnit and RTK to ensure high-quality code and reliability.
- Proficient in designing and implementing RESTful APIs with NodeJS for scalable server-side applications, ensuring efficient data handling and business logic processing.
- Experienced in configuring routing and request handling in NodeJS to manage multiple endpoints and HTTP methods effectively.
- Experienced with React.js functional components, including version 16.8.
- Proficient in Redux for state management, skilled in modern JavaScript (ES6+).
- Experienced in building single-page applications (SPAs) , Using React.js, with a focus on performance and scalability.
- Experienced in developing responsive web applications with React.js, focusing on high-performance and accessible interface design.
- Proficient in integrating RESTful APIs and third-party services to enhance application functionality.
- Skilled in unit testing, debugging, and maintaining code quality standards in NodeJS applications to ensure robust performance and reliability.

### SKILLS

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#### Programming Languages

JavaScript, Node.js, ReactJS , Express.js, Redux.  
HTML,CSS,bootstrap, JSON,SPA,JQuery

#### Integration

Stripe, Google Map API, Twilio , WhatsApp, MYSQL,  
Third Party API

#### Project Management

- JIRA
- Git
- Critical Thinking
- Teamwork
- Time Management

#### Software Development Skills

- Microservices Architecture
- RESTful APIs
- JPA
- Unit Testing (JEST)
- Version Control (Git)

### PROFESSIONAL EXPERIENCE

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#### Software Engineer

HCL Technology

2022 – 2024  
Pune , India

#### Web Developer

Walstar Technologies

2021 – 2022  
Pune, India

### PROJECTS

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DPS App - Debt Processing System

2022 – 2024

As a Software Engineer at HCL Technology, I am responsible for the development and maintenance of the Debt Processing System (DPS APP). This comprehensive system encompasses various features and modules critical to debt management and financial services.

- Designed and developed RESTful APIs using Node.js and Express.js to handle data transactions between the frontend and MySQL database.
- Implemented authentication and authorization mechanisms using **JWT** and Express middleware to ensure secure access to sensitive data.
- Developed **reusable components** in **React** and integrated them into the application to maintain a modular frontend architecture.
- Performed **REST API calls** from React using **Axios** and the **Fetch API** to interact with backend services.
- Managed component state and side effects using **React Hooks** like `useState`, `useEffect`, and `useContext`.
- Managed code versioning and collaboration using **GIT**.
- Made REST API calls using `Axios` and `fetch` api in React.

**Invoice Generation**

2021 – 2022

Invoice Generation is the creation of a detailed document that lists products or services provided to a customer, along with prices and quantities. It serves as a formal payment request and records the transaction between the seller and buyer.

- Developed dynamic React components and Express.js routes to build end-to-end functionality in the application.
- Created reusable React components and modular Express.js middleware for efficient and maintainable code.
- Utilized JavaScript (ES6+) features like `async/await` for handling asynchronous operations in both frontend (fetch API) and backend.
- Implemented global state management in React using the `useContext` hook to simplify data sharing across components.
- Conducted comprehensive API testing using Postman and documented APIs with Swagger for collaboration and validation.

**Site Ranker Pro - Website Analytics & SEO Monitoring Tool**

2020 – 2021

Site Ranker Pro is a web application that integrates with Google Analytics and Google Search Console to monitor website traffic and SEO performance. It provides insights into user behavior, keyword rankings, click-through rates, and page performance.

- Built interactive charts and dashboards using **React.js** to display the analytics.
- Track real-time and historical website traffic data (sessions, users).
- Managed app state in React with **useContext** and handled user login/logout with **JWT authentication**.
- Built interactive charts and dashboards using **React.js** and **Material UI** for a clean and responsive user interface.

**EDUCATION**

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**Computer Science & Engineering**

2016 – 2018

*Dr. Babasaheb Ambedkar Marathwada University*

**Diploma In Computer Science**

2014 – 2015

*M.I.T College Aurangabad*

**PERSONAL DETAILS**

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**Date Of Birth :** 25th Nov 1995

**Nationality:** Indian

**Language:** English, Hindi, Marathi

**Gender:** Male