

# Amrendra Kumar

## FULL STACK WEB DEVELOPER

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### SUMMARY

Sr. Software Engineer with 5 years of experience in Ruby on Rails, React, and Node.js development. Proficient in database management with PostgreSQL and MongoDB. Skilled in unit testing with RSpec and Capybara, and automation testing using JAVA and Selenium. Experienced in Agile methodologies, SCRUM, and client communication. Worked in industries including healthcare, finance, and startup ecosystems.

### SKILLS

**Back-End:** Ruby, Rails, Python PostgreSQL, MySQL, Node JS, Express JS, MongoDB

**Front-End:** React, Redux, JavaScript, ERB template, jQuery, HTML5, CSS3

**Tools & Methods:** Git, GitHub, Heroku, Netlify, Mobile/Responsive Development, TDD, Chrome Dev Tools

**Professional:** Remote Pair-Programming, Teamwork, Mentoring

### EXPERIENCE

ScaleUs Technologies

**Sr. Software Engineer, RoR Developer**

Remote, India

Jan 2023 – Present

Project: **Fitness App**

- Developed backend functionalities using Ruby on Rails, including integration with Apple/Google Health data for predictive weight loss and tracking analytics.
- Utilized PostgreSQL as the database management system to store and manage user data efficiently.
- Implemented RESTful API endpoints to serve resources to frontend applications developed in React or React-Native, ensuring smooth communication between the backend and front end.
- Employed common libraries in Ruby on Rails for efficient development and unit testing.
- Worked on RSpec for unit testing and Postman for API testing, ensuring the reliability and stability of the application.
- Collaborated with various stakeholders including QA, PMs, frontend developers, and other backend developers to address feature development and bug fixes as per the scrum meetings.
- Applied Object-Oriented Programming principles along with design patterns such as MVC (Model-View-Controller)
- Worked on ORM (Object-Relational Mapping), and RESTful architecture to ensure maintainability and scalability of the codebase.

This fitness app aims to use the information in Apple/Google Health and provide the user with predictive weight loss and tracking analytics. In this app, API was developed to consume it for front-end apps/web apps developed in React or React-Native.

Project: **Cleanz24**

- Developed API using Ruby on Rails to facilitate communication between the backend server and frontend applications/web apps.
- Utilized PostgreSQL as the database management system to store and manage data efficiently.
- Implemented various modules for cleaning services such as laundry, dry cleaning, leather care, shoe care, and bag care.
- Helped to integrate React Native to create cross-platform mobile applications to provide a seamless user experience.
- Employed React to build interactive user interfaces for web applications, enhancing user engagement and satisfaction.

Cleaning services (laundry, dry cleaning, leather care, shoe, and bag care) a multi-vendor aggregator application. In this app primarily API was created to consume it for front-end apps/web apps.

Project: Catalyst Venture

- Implemented a dynamic ecosystem using Ruby on Rails, Node.js, React, Redux, and Express.js, along with HTML5/CSS3 to create a seamless user experience.
- Maintained RESTful API endpoints to serve resources to the front end, ensuring efficient communication between the backend and front end.
- Addressed feature development and bug fixes based on tickets generated from scrum meetings and feedback from the product owner.
- Utilized Object-Oriented Programming principles, including MVC (Model-View-Controller) and RESTful design patterns, to enhance code maintainability and scalability.
- Proposed and implemented backend designs using PostgreSQL, MongoDB, and various open-source packages to optimize database management and enhance application functionality.
- Demonstrated extensive experience with Agile Development methodologies, Version Control (Git), and related tools to ensure efficient project management and collaboration.

The project aims to create a dynamic ecosystem that supports the growth of promising startups, provides them with essential resources, and connects them with potential investors.

Project: Project Now 2.0

- Managed a team of seven Automation Engineers for enhancing and maintaining automation processes.
- Utilized JAVA and Selenium for automation testing, ensuring robust and reliable trade management software.
- Conducted regular client meetings to discuss project progress, establish client expectations, and align project goals for successful outcomes.

Project Now 2.0 (Desktop, Web, and Mobile version) for the National Stock Exchange (NSE). It is trade management software being developed by NSE for use in-house and with broker partners.

- Mentored junior web developers, providing technical support through code reviews.
- Proposed improvements to code organization to improve code quality and overall performance.
- Provided advice and tips on how to maintain motivation to maintain longevity in the program.

EDUCATION

Remote Full Stack Web Development Program, Full-Time

- Spent 1300+ hours mastering algorithms, data structures, and full-stack development while simultaneously developing projects with Ruby, Rails, JavaScript, React, and Redux.
- Developed skills in remote pair programming using GitHub, industry-standard git-flow, and daily standups to communicate and collaborate with international remote developers.

EPAF, Applied Finance

- Completed Executive Program in Applied Finance from Indian Institute of Management, Calcutta
- Developed an analytical bent of mind related to investment and trading in the Capital Market.

BCA, Computer Programming

- JAVA, C++, C, Data Structures, Software Engineering, SAAD, Visual Basic, RDBMS (MySQL, ORACLE)
- Did project on Pension Management at SBI Jadugoda branch, Jharkhand, India in Visual Basic as front end and Oracle as backend database.
- Grade: B with 63%