

Amrendra Kumar

FULL STACK WEB DEVELOPER

+91 9930109581 | Email: amrendrak.ind@gmail.com | [GitHub](#) | [LinkedIn](#) | [Twitter](#) | [AngelList](#) | [Portfolio](#)

SUMMARY

Senior Software Engineer with 5+ years of experience in Ruby on Rails, React, and Node.js. Skilled in building scalable APIs, optimizing databases (PostgreSQL, MongoDB, MySQL), and implementing caching for performance enhancement. Experienced in finance, healthcare, and real estate domains. Passionate about BDD/TDD, Agile development, and mentoring junior engineers.

SKILLS

Backend: Ruby on Rails, Ruby, Python, Node.js, Express.js
Frontend: React, Redux, JavaScript, ERB templates, jQuery, HTML5, CSS3
Databases: PostgreSQL, MySQL, MongoDB, Redis
Testing & Performance: RSpec, Capybara, Selenium, Jest, Performance Optimization, Caching (Rails.cache)
DevOps & Tools: Git, GitHub, GitLab, Heroku, Docker, AWS, CI/CD
Development Practices: Agile (Scrum, Kanban), BDD/TDD, RESTful APIs
Soft Skills: Remote Pair-Programming, Teamwork, Mentoring

EXPERIENCE

ScaleUs Technologies Remote, India
Senior Software Engineer, RoR Developer Jan 2023 – Present

Project: Puravankara App

- Optimized Ruby on Rails backend services, reducing API response times by 30%, enhancing user experience for 10,000+ monthly users.
- Designed and integrated advanced search & filtering with RESTful APIs, improving property discovery.
- Implemented Sidekiq for asynchronous task processing, handling notifications, project data syncing, and background jobs efficiently.
- Automated periodic tasks (data synchronization, report generation) using **cron jobs**, reducing manual intervention.
- Integrated third-party APIs (location services, document verification, project updates), streamlining data accuracy.
- Extended Active Admin with custom dashboards for managing real estate listings, bookings, and customer data.

Puravankara App allows users to explore available apartments, schedule site visits, and complete purchase formalities online. After becoming society members, users gain access to additional community features such as event management, message boards, and internal communication.

Project: Fitness App

- Developed scalable APIs for Apple/Google Health integration, processing 1,000+ data points per user for predictive weight loss analytics.
- Optimized PostgreSQL database for efficient storage and retrieval of large-scale user health data.
- Designed and implemented RESTful API endpoints, enabling seamless backend-frontend communication.
- Enhanced test coverage using RSpec, Capybara, and used Postman, ensuring application stability and reliability.
- Collaborated cross-functionally with QA, PMs, and developers to build new features and resolve issues in an Agile environment.
- Applied OOP principles and MVC architecture, ensuring clean, maintainable, and scalable code using ORM and RESTful design patterns.

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

Project: Cleanz24

- Developed API using Ruby on Rails to communicate between the backend and frontend applications.
- Utilized PostgreSQL as the database management system to store and manage data efficiently.
- Worked on RSpec for unit testing and Postman for API testing, ensuring the stability of the application.
- Implemented various modules for cleaning services such as laundry, dry cleaning, leather care, shoe care, and bag care.

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.

Project: Project Now 2.0

- Led a team of seven Automation Test 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

Indian Institute of Technology, Madras (IITM)

B.S. in Data Science & Applications (Ongoing) (2025 – 2028)

- Coursework: Python, Math & Statistics for Data Science, Computational Thinking, English

Microverse Inc

Full-Stack Software Engineering Certification (2022)

- 1,300+ hours in Ruby, Ruby on Rails, JavaScript, React, Redux, Git, Agile methodologies

Indian Institute of Management, Calcutta (IIMC)

- Executive Program in Applied Finance (2009 – 2010)

Indira Gandhi National Open University (IGNOU)

BCA (Bachelor in Computer Applications) (2000 – 2003)

- Project: Pension Management System (Visual Basic & Oracle)