

Rahul Roy

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Senior Software Engineer (Full Stack)

Software Engineer with **over 9 years of experience working at startups** and a strong focus on the **backend**, specializing in **Ruby on Rails & RDBMS**. **Lead hiring, training and mentoring programs**. I have managed the entire lifecycle of software from planning to execution.

Top Skills

- **Ruby on Rails** - ~10 years of experience with Rails, at various levels of scale.
- **ReactJS** - ~4 years of ReactJS experience at early to mid-size startups.
- **NodeJS** - 1 year of experience. Migrated existing module to **NodeJS microservice**.
- **Amazon Web Services**: 3 years of hands-on experience with various AWS services like **S3, SNS, SQS, Lambda, DynamoDB**, etc.

Work Experience

Groove, a Clari Company - Remote

Senior Software Engineer

06/2022 - 01/2024

- As one of the two engineers in Dialer Squad, I was responsible for the end-to-end development and stability of the product.
- **Led important features like Voicemail Box, and International Local Dial.**
- Voicemail Box and International Local Dial **helped the retention of many high ARR customers.**

VueOps - Noida, India

08/2018 - 05/2022

Lead Software Engineer

- Led multiple mission-critical modules like **VueOps Drive & File Processing Engine** for the leading SAAS-based application in the construction industry.
- Led hiring and training efforts. Coached junior team members.
- **VueOps Drive** increased productivity and reliability significantly. Reduced over-dependency on third-party vendors.
- **File Processing Engine** made our system highly scalable & reliable. No more choking under high load.
- New File Processing Engine also **reduced the cost by at least 5x**. It also **reduced file processing failures by 3x** and **helped set up good practices across the company.**

Wadi - Gurgaon, India

Application Developer - Pricing

08/2017 - 08/2018

- Worked in the pricing team to automate manual tasks & improve existing processes.
- Built numerous internal applications for pricing, content and marketing team, which improved productivity by 2-5x and reduced failures/mistakes by 2x.
- Application for Pricing & Catalog team reduced manual effort by more than 1000%. The process team size was reduced from 12 to 2.

Tazzo Bikes - Hyderabad, India

Software Developer

08/2016 - 07/2017

- Worked as a lead backend developer. Created & maintained APIs for Android & iOS
- **Improved overall stability of product by** improving non-existing test coverage, and setting up staging, and pre-production environments.
- **Designed & Delivered a robust payment system in a week during demonetization which helped us maintain our revenue stream & decreased the operational cost.**

Freelance Ruby on Rails Developer - Remote

Full Stack Ruby on Rails Engineer

11/2015 - 08/2016

1. Freelance: Impcan

- Worked as full stack Ruby on Rails developer at European startup, Impcan.
- We were a team of 3 full stack developers. Impcan was supposed to be a one-stop tool for restaurants.

2. Freelance: India Boulevard

- Lead Backend Development for US-based Fashion Startup.
- Took the product from concept to MVP.
- Collaborated with the remote team and helped the designer and front-end developer in integrating existing designs and static applications.

Pickingo - Gurgaon, India

Software Developer

07/2015 - 11/2015

- Worked closely with CTO & CEO to create **order management application for brands** like Burger King, Chaayos, Subway, McDonald's etc.
- Built **real-time field executive tracking systems** for operation managers.

Fizzy Software - Gurgaon, India

Ruby on Rails Developer

06/2014 - 07/2015

- Responsible for handling both in-house product and service-based projects.
- Integrated 50+ SOAP & REST APIs to feed data into Elasticsearch DB for Travel Startup.
- Led development of Speedlancer(microtask platform), designed & developed payment system.

Education

Computer Science and Engineering Graduate, NIEC

Guru Gobind Singh Indraprastha University, New Delhi, India

Projects

- **VueOps Drive:** A document management system similar to Google Drive built using **Ruby on Rails, ReactJS and AWS services**. Order of magnitude **faster** than competitor's offering. It was able to handle high data volume.
- **VueOps File Processing Engine:** Migrated existing slow monolithic file processing engine to serverless infrastructure with **NodeJS, AWS and Serverless framework**. It was **highly scalable, reliable and extremely fast**. Significant **reduction in the compute cost**.

- **Pickingo's order management and Delivery tracking Systems:** Built a customer-facing order/delivery management system along with a delivery tracking system to track delivery field executives in real-time across cities. Built with Ruby on Rails, AngularJS, Redis, and AWS.
- **Groove's Dialer App:** Responsible for adding new features like international local dial, Voicemails etc to the dialer app. Also maintained the product as one of the two engineers on the squad for a Series C startup. Towards the later half the focus was on stability.
- **Wadi Internal Portals for various teams:** Built mission-critical internal tools for the pricing & operations team. **Optimized & automated manual processes to reduce manual effort by more than 1000%.** Built with Ruby on Rails, MySQL and AWS.
- **TazzoBikes:** I was responsible for the entire backend as the only backend engineer in the team. Designed & delivered a payment system in a week at an early-stage startup. Built with Ruby on Rails and MySQL.
- Other Projects like **Impcan, TastyTab, Speedlancer, Data Feed Project & IndiaBoulevard** were really important during the early phase of my career. Especially owning the entire projects like the Speelancer & Data Feed project as a fresh grad out of college was enriching. While working for a Europe-based startup like Impcan as a remote engineer with less than 2 years of experience made me realize the value & culture of remote organizations.

Other Important Links

- GitHub: www.Github.com/iamrahulroy/
- Website: <https://www.newbiedev.com/>