

# ZAMIR MANIHAR

Senior Full-Stack Software Engineer

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## PROFESSIONAL SUMMARY

Senior Software Engineer with 6+ years of experience building and scaling high-traffic global products, including SaaS platforms (Brokerkit), e-commerce marketplaces (Stadium Goods), and sustainability/ESG solutions (Scope5). Specialized in Ruby on Rails and React.js with expertise in AWS/Heroku cloud architectures. Proven track record of driving performance improvements of up to 40–50%, mentoring engineering teams, and collaborating effectively with international remote teams.

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## TECHNICAL SKILLS

**Languages & Frameworks:** Ruby, Ruby on Rails (v5–v7, 6+ years), Python, React.js, JavaScript (ES6+), jQuery, HTML5, CSS3, Bootstrap

**Databases & Caching:** PostgreSQL, MySQL, Redis, Elasticsearch

**APIs & Integrations:** RESTful API design & development, OAuth, Webhooks, Stripe, Relitix, Gmail / Google Calendar API, Posthog, Bugsnag

**DevOps & Cloud:** Docker, AWS (S3, Lambda, Scheduler), Heroku, CI/CD (GitLab CI/CD, GitHub Actions)

**Testing & QA:** RSpec, Minitest, Jest, Test-Driven Development (TDD), User Acceptance Testing (UAT)

**Practices & Methodologies:** Agile/Scrum, Microservices, System Design, Performance Optimization, Code Reviews, Mentoring

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## PROFESSIONAL EXPERIENCE

**Software Engineer | SR Next | Remote | Jul 2021 – Present**

- Leading end-to-end development of large-scale Ruby on Rails applications, from system design and implementation to production deployment.
- Optimizing database queries and implementing Redis-based caching strategies, reducing page load times by ~40% for key user journeys.

- Championing TDD with RSpec, increasing test coverage from ~65% to ~90% and reducing production incidents..
- Engineering and maintaining CI/CD pipelines using Docker and AWS, enabling automated deployments and improving delivery speed.
- Collaborating directly with client stakeholders in an Agile environment to translate complex business requirements into scalable technical solutions.

#### **Software Engineer | Gems Essence | Jul 2019 – May 2021**

- Developed and shipped features for production Ruby on Rails applications serving thousands of active users.
  - Wrote and maintained unit and integration tests to improve software reliability and user experience.
  - Troubleshoot and resolved software defects, improving application stability and performance.
  - Actively participated in Agile ceremonies and contributed to continuous improvement of development processes.
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## **PROJECT EXPERIENCE**

### **Brokerkit – Real Estate Recruitment & Onboarding SaaS**

A SaaS platform that helps real estate brokerages streamline agent recruitment, onboarding, and retention through automation and analytics.

#### **Key Contributions:**

- Built core lead management workflows for tracking candidate agents through customizable recruitment pipelines.
- Developed a multi-channel campaign engine for SMS and Email outreach, integrating Twilio and Gmail/Google Calendar APIs for scheduling and communication.
- Created interactive React.js dashboards to visualize recruitment KPIs and pipeline performance for data-driven decision-making.
- Integrated the Relitix analytics API to enrich lead data with market insights directly within the platform.

**Tech Stack:** Ruby on Rails, React.js, PostgreSQL, Redis, Sidekiq, Twilio API, Google APIs, Relitix API

**Impact:** Improved recruiter efficiency by automating manual workflows and delivering actionable insights that helped brokerages scale their recruitment.

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### **Stadium Goods – Global E-Commerce Marketplace (Sneakers & Streetwear)**

A high-volume, multi-sided marketplace (acquired by Farfetch) for authentic sneakers and apparel, requiring robust search, inventory, and transaction systems.

#### **Key Contributions:**

- Enhanced Elasticsearch-powered product discovery with advanced filtering, sorting, and faceted navigation for thousands of SKUs.
- Built backend logic and admin interfaces for the “Source by Stadium Goods” consignment system, enabling professional sellers to manage inventory at scale.
- Developed a resilient shopping cart and promotion engine supporting complex promotional rules (percentage discounts, BOGO, etc.).
- Created internal tools for inventory and order management to ensure data consistency across catalog and fulfillment workflows.

**Tech Stack:** Ruby on Rails, PostgreSQL, Elasticsearch, Redis, Sidekiq, AWS S3

**Impact:** Helped the platform scale globally, support a mobile-first shopping experience, and unlock new revenue streams through consignment.

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### **Scope5 / Scope10 – Sustainability & ESG Data Management Platform**

A data-driven SaaS solution enabling enterprises to measure, track, and reduce their environmental footprint through comprehensive ESG reporting.

#### **Key Contributions:**

- Designed and implemented ESG data ingestion pipelines to aggregate and normalize large data sets from spreadsheets, utility APIs, and other sources.
- Developed core carbon accounting logic for calculating emissions (Scopes 1, 2, and 3) and other ESG metrics aligned with global standards.
- Built dynamic React.js dashboards to visualize sustainability KPIs, emission trends, and progress towards reduction targets.
- Utilized Sidekiq for asynchronous processing of computationally heavy tasks, improving frontend responsiveness and user experience.

**Tech Stack:** Ruby on Rails, PostgreSQL, Sidekiq, RESTful APIs, Posthog

**Impact:** Enabled clients to automate sustainability reporting, reduce manual data entry, and make informed decisions to meet environmental goals.

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## **EDUCATION**

**Bachelor of Engineering** (Computer Science / Information Technology)  
SD Bansal College of Engineering | Indore, India | 2015 – 2019

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