

Arvind Mehra

Ruby on Rails Developer

London, United Kingdom • +447436543505 • bloomberg490@gmail.com

Summary

Senior Ruby on Rails Engineer with 10+ years of experience designing and scaling customer-facing products and high-traffic systems across e-commerce, fintech, and enterprise environments.

Specialised in modernising monolithic architectures, improving platform reliability, driving performance optimisation, and delivering production systems that support business growth.

Experienced in backend architecture, event-driven design, observability, APIs, and incident response, with hands-on expertise in Ruby on Rails, Python, FastAPI, ReactJS, and Hotwire.

Experience

Senior Software Developer, Jul 2024 - Current

Bloom and Wild, London, UK

- Designed and implemented an event-driven cache refresh strategy to improve API response times, data freshness, and overall system performance.
- Migrated delivery status updates from a polling-based architecture to a webhook-driven model across multiple carriers, enabling near real-time delivery updates and reducing system load.
- Introduced consistent logging standards and service-level metrics in Datadog to improve observability and proactive monitoring.
- Refactored critical areas of a large Rails monolith to reduce technical debt and improve long-term scalability and maintainability.
- Increased automated test coverage across business-critical workflows using RSpec, improving release confidence and reducing regression risk.
- Developed lightweight internal backend services and automation tools using Python and FastAPI to support operational workflows and integrations.
- Provided production support during peak trading periods, ensuring platform stability and rapid incident resolution.

Software Developer, Nov 2021 - Apr 2024

Smart Pension, London, UK

- Designed and delivered pension withdrawal and customer lifecycle features within a regulated fintech environment.
- Built and maintained automated test suites using RSpec and Cypress to improve release quality and deployment confidence.
- Acted as production support engineer, resolving P1 and PX incidents within SLA through deep system and infrastructure understanding.
- Mentored junior engineers, conducted code reviews, and contributed to hiring decisions to improve overall engineering quality.
- Contributed to user-facing features and frontend improvements using ReactJS.

Software Developer, Dec 2018 - Oct 2021

Tata Consultancy Services, Gurugram, India

- Improved the performance of an employee timesheet platform by optimising complex SQL queries and implementing caching strategies.
- Built a microservice in Python, FastAPI, for internal use.
- Led a successful migration of a legacy Rails application from Rails 3 to Rails 5 with near-zero production defects.
- Led a team of four engineers to deliver a proof-of-concept internal tool from design through implementation.
- Consolidated obsolete services into a unified platform, simplifying maintenance and improving operational efficiency.

Ruby on Rails Developer, Feb 2016 - Nov 2018

Appster, Gurugram, India

- Designed and implemented REST APIs for iOS and Android applications.
- Optimised and enhanced performance across multiple Rails applications.
- Delivered multiple client projects as the sole Ruby on Rails developer while maintaining high client satisfaction.

Education

Bachelor of Technology, 2008 - 2012

Rajasthan Technical University, Jaipur

Graduated with a Bachelor of Technology in Computer Science.

Skills

- Ruby on Rails
- ReactJS
- Python
- Redis
- AWS
- PostgreSQL
- Datadog
- Agile Workflows
- Ruby
- FastAPI
- Django
- Git
- Hotwire
- Rspec
- RESTful APIs
- Continuous Integration

More about me:

LinkedIn: <https://www.linkedin.com/in/mehraarvind>

Websites:

1. <https://arvindmehra.in>
2. <https://isrubyonrailsdead.com>