Eugene Leontev

Principal Ruby On Rails Engineer

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Principal Ruby on Rails Engineer with over 8 years of experience in backend development, specializing in scalable microservice architectures. Proficient in Ruby on Rails, PostgreSQL, and building resilient identity and access management solutions. Strong background in enhancing performance, security, and scalability. Experienced in leading cross-functional teams to achieve strategic business goals.

Professional Experience

Antarctic Wallet (custodial usdt/trx wallet with FPS payments)   OAE, Dubai | Sep 2024 – May 2025
Principal Ruby On Rails Engineer | Full-Remote contract

🏛️ USDT Deposit System Launch

○ Situation: Our team needed to rapidly launch a key functionality for a new cryptocurrency wallet.
○ Task: Deliver a secure and scalable USDT deposit system on the TRC20 network under tight deadlines.
○ Action: Architected and implemented the deposit infrastructure from scratch, ensuring robust handling of on-chain transactions and real-time balance updates.
○ Result: Successfully deployed the system in record time, enabling the wallet's core feature to launch. Handled 300+ deposits in the first week and scaled to process over 5,000 daily deposits within two months.

🔗 Referral Reward System Development

○ Situation: The product lacked a user acquisition engine, limiting growth.
○ Task: Design and implement a referral-based reward system to drive user engagement and viral growth.
○ Action: Built and integrated a reward mechanism that incentivized existing users to invite others to the wallet.
○ Result: Over 50,000 users utilized the referral system, contributing to a 12x increase in active users.

⚡ API Optimization for Core Service

○ Situation: A key wallet service suffered from slow response times, leading to poor user experience.
○ Task: Integrate with an external API to improve speed and performance.
○ Action: Led the integration effort and fine-tuned the communication pipeline to minimize latency.
○ Result: Reduced service response times from an average of 35–45 seconds to 5–7 seconds, significantly enhancing user satisfaction and product perception.

Wallarm (API Security)   San Francisco, USA | Jan 2023 – Mar 2024
Lead Ruby Developer | Full-Remote

○ Developed and managed identity and access management solutions, focusing on OAuth implementations.
○ Led the transition from MySQL to PostgreSQL, enhancing data integrity and performance.
○ Utilized GraphQL and Kafka for efficient data handling and system integration.

Eleving Group (Fintech Auto Loans, Debts Management)   Riga, Latvia | May 2022 – Dec 2022
Lead Ruby Developer | Full-Remote

- Designed scalable architecture, improving performance by 92%.
- Implemented Scenic for PostgreSQL materialized view management, optimizing complex query performance.
- Streamlined deployment processes by 30-40%, reducing capacity rental costs by 20%.

Appbooster (High-Load Mobile Application)   Samara, Russia | Aug 2018 – Apr 2022
Team Lead / Senior Ruby Developer | Hybrid-Remote

- Led a team of 12 developers, achieving project goals ahead of schedule.
- Implemented PGHero for PostgreSQL performance monitoring, proactively identifying and resolving bottlenecks.
- Reduced average response time from ~250ms to ~20ms by optimizing PostgreSQL queries and selecting appropriate indexes.
- Designed and implemented scalable microservices architecture using Ruby on Rails and PostgreSQL.
- Integrated Python scripts for data processing and analysis, reducing manual effort by 30%.

Bitupper (Cryptocurrency Blockchain Explorer)   Valencia, Spain | Jan 2017 – Jul 2018
CTO / Ruby Developer | Full-Remote

- Led the development of blockchain explorer, improving user engagement.
- Developed and implemented a Ruby wrapper for Bitcoin-core node to manage cryptocurrency transactions securely.

Professional Skills

👨‍💼 Leadership & Product Management

Team Leadership, Project Management, Strategic Planning, Mentorship, Cross-functional Collaboration, Agile Methodologies, Product Ownership, Stakeholder Communication, Quality Assurance

💻 Software Development & Architecture

Ruby on Rails, Sinatra, TypeScript, Vue.js, ethers.js, web3.js, Service-Oriented Architecture (SOA), Microservices, Performance Optimization, Latency Reduction, Scalable System Design

⚙️ Infrastructure & DevOps

Docker, Kubernetes, AWS, Google Cloud Platform (GCP), GitLab CI/CD, GitHub Actions, Linux Administration, DevOps Practices, Infrastructure as Code

🔒 Security & Testing

Application Security, API Security, Test-Driven Development (TDD), Behavior-Driven Development (BDD), RSpec, Automated Testing, CI/CD Pipelines

🗄 Databases & Data Flow

PostgreSQL, MySQL, Redis, Kafka, Elasticsearch, GraphQL, Sidekiq, Queue Management, Data Modeling

🌐 Blockchain & Crypto

Blockchain Integration, Cryptocurrency Wallets, TRC20, Digital Asset Infrastructure, Token Standards (ERC20, TRC20), Secure Wallet Transactions

📊 Product Strategy & Growth

Business Requirements Analysis, Data-Driven Decision Making, Prototyping, Customer-Centric Design, User Growth Strategies, Reward Systems, Iterative Development, KPI Tracking

Education

- Coursera & GitLab: How to Manage a Remote Team
  2024
- Harvard College, Cambridge, MA, USA: CS50
  2021
- Urals State University, Yekaterinburg: Computer Science in Economics
  2005-2007
- Novosibirsk State Technical University, Novosibirsk: Computing Machines, Complexes, Systems and Networks
  2001-2004

Languages

- English: B2+ (Fluent)
- Spanish: A1
- Russian: Native

Visa status

Work permit as an individual entrepreneur in Georgia. Flexible on a B2B basis. Considering relocation to Argentina. Able to work in US time zones.