

# Marat Galiev

## Senior Engineering Manager

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## Core Technical Skills

**Programming Languages:** Ruby, Elixir, Go, Python, JavaScript, TypeScript

**Backend Frameworks:** Ruby on Rails, Phoenix, Django, Node.js

**Frontend Technologies:** React, Vue.js, Next.js, Angular

**Databases & Storage:** PostgreSQL, MySQL, Redis, ElasticSearch, MongoDB, DynamoDB

**Cloud Platforms:** Amazon Web Services (AWS), Google Cloud Platform (GCP), Heroku

**AWS Services:** Lambda, Step Functions, API Gateway, SNS, SQS, SES, EC2, HealthOmics

**DevOps & Infrastructure:** Docker, Kubernetes, CI/CD Pipelines, Infrastructure as Code

**System Administration:** Linux, Bash, GNU Tools, Shell Scripting, CLI Tools

**Architecture Patterns:** Microservices, RESTful APIs, GraphQL, Event-Driven Architecture

**Monitoring & Analytics:** DataDog, CloudWatch, New Relic

**Leadership & Management:** Team Building, Technical Mentoring, Project Planning, Cross-functional Collaboration

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## Professional Experience

### Senior Engineering Manager | Provectus LLC, Toronto, Canada

February 2021 - Present

- **Technical Leadership:** Led the establishment of technical teams in Canada from the ground up, providing strategic direction and fostering a culture of innovation and excellence
- **Product Roadmap Planning:** Collaborated with Product and Core teams to plan and scope roadmaps for new product features, including experimental initiatives, ensuring alignment with business objectives
- **Team Growth & Mentorship:** Successfully grew and mentored a team of 12+ talented full-stack engineers, nurturing their skills and professional development to drive team success
- **AI Integration & Acceleration:** Implemented AI-powered development tools and workflows, accelerating development velocity by 35% and improving code quality through automated testing and review assistance

- **Organizational Standards:** Established engineering standards and best practices, influencing engineering culture and fostering continuous improvement
- **Talent Acquisition:** Led hiring process initiatives to identify and onboard top-tier engineering talent, shaping the growth trajectory of the Engineering team
- **Technology Stack:** Leveraged Ruby/Rails, Elixir, Python, Vue/React, TypeScript, AWS, MySQL, Docker, and Redis to architect scalable solutions supporting 500K+ daily active users
- **Feature Management:** Implemented Split.io feature flags, enabling controlled feature rollouts and A/B testing, reducing feature rollback incidents by 80%

## **Technical Lead | Anthem Entertainment LLC, Toronto, Canada**

January 2020 - January 2021

- **Technical Leadership:** Spearheaded critical projects from inception to completion, providing strategic direction and technical guidance
- **Development Excellence:** Developed and maintained Ruby on Rails applications and APIs, ensuring robustness and scalability with 99.9% uptime
- **Architecture Optimization:** Conducted comprehensive API design reviews, optimizing system performance and reliability
- **Code Quality:** Implemented rigorous code review processes to uphold quality standards and promote best practices
- **Team Building:** Conducted technical interviews to identify top-tier engineering talent, strengthening team capabilities
- **Infrastructure:** Managed AWS, PostgreSQL, Redis, and Docker infrastructure supporting mission-critical applications

## **Technical Lead | Maropost LLC, Toronto, Canada**

March 2019 - January 2020

- **Technical Leadership:** Provided strategic direction for Email Marketing and Commerce software development, managing a team of engineers
- **Full-Stack Development:** Built robust applications using Ruby on Rails, Go, and Vue.js, architecting scalable solutions for high-volume traffic
- **Infrastructure Management:** Leveraged PostgreSQL, Redis, ElasticSearch, GCP, Kubernetes, and Docker to support high-volume email delivery infrastructure capable of sending 5-10M emails daily
- **Platform Excellence:** Led platform upgrades and deployment processes, ensuring stability and scalability of software solutions
- **Architecture:** Conducted design reviews for major system enhancements, optimizing performance and ensuring alignment with business objectives

- **Migration Leadership:** Successfully supported product migrations across multiple environments with minimal operational disruption
- **Team Development:** Mentored junior developers, fostering professional growth and contributing to continuous learning culture

## **Engineering Manager / Team Lead | Moteefe LLC [Contract], Toronto, Canada**

*March 2018 - March 2019*

- **E-commerce Leadership:** Directed development of REST APIs for e-commerce platform, providing strategic direction and technical guidance
- **Technology Stack:** Utilized Ruby on Rails, React.js, PostgreSQL, Redis, ElasticSearch, and Heroku for scalable solutions handling \$2M+ monthly transactions
- **Feature Management:** Implemented controlled feature rollouts using feature flags, facilitating iterative development and user feedback
- **Platform Maintenance:** Managed application upgrades and deployment processes, ensuring stability and scalability
- **Microservices Architecture:** Led design reviews for new microservices, ensuring scalability, performance, and alignment with business objectives
- **Migration Success:** Orchestrated product stack migration, ensuring smooth transition with minimal operational disruption
- **Quality Assurance:** Established rigorous code review standards to maintain code quality and consistency across the codebase

## **Senior Software Engineer / Team Lead | Runtime LLC, Kazan, Russia**

*July 2013 - March 2018*

- **Technical Architecture:** Led development of REST APIs and microservices using Phoenix, Ruby on Rails, and Elixir, providing strategic direction and technical leadership
- **Team Management:** Managed and mentored team members, fostering their growth and professional development to drive team success
- **Full-Stack Expertise:** Developed applications using Ruby on Rails, Elixir, Phoenix, React, Vue.js, WebSockets, and Faye for seamless user experiences
- **Database Management:** Leveraged PostgreSQL, Redis, ElasticSearch, and Neo4J to support and enhance infrastructure and data storage needs
- **Modernization Leadership:** Successfully migrated monolithic applications to microservices architecture, improving system scalability by 300%
- **API Innovation:** Developed GraphQL APIs for internal usage, enhancing data retrieval efficiency and flexibility

- **Performance Optimization:** Implemented caching layers for high-load application components, optimizing performance and scalability
- **Quality Standards:** Maintained rigorous code review processes ensuring adherence to best practices and consistency

## **Senior Software Engineer / Team Lead | Wallstr LLC [Contract], Moscow, Russia**

April 2012 - June 2013

- **Application Maintenance:** Ensured smooth operation of monolithic Ruby on Rails applications, optimizing performance and stability
- **Frontend Development:** Built intuitive user interfaces using Angular and jQuery, crafting seamless user experiences that improved user satisfaction by 30%
- **Code Excellence:** Conducted thorough code reviews to maintain quality standards, consistency, and adherence to best practices
- **Talent Development:** Led technical interviews and identified top-tier candidates, contributing to team growth and success

## **Senior Software Engineer / Team Lead | Fosslabs LLC, Kazan, Russia**

June 2011 - June 2013

- **Multi-Platform Development:** Maintained Ruby on Rails and Python/Django applications, ensuring smooth operation and stability
- **Frontend Innovation:** Developed applications using Angular, jQuery, and ExtJS with focus on intuitive and engaging user experiences
- **Migration Expertise:** Led successful migration from Python/Django to Ruby/Rails, contributing to seamless transition and improved system performance by 40%
- **Analytics Integration:** Contributed to reports system development, enhancing data analysis and decision-making capabilities
- **Performance Optimization:** Profiled and optimized Python stack applications, improving performance and efficiency

## **Software Engineer | Luxoft LLC [Contract], Moscow, Russia**

November 2010 - April 2012

- **Application Development:** Maintained monolithic Ruby on Rails applications and Python APIs with consistent performance
- **Frontend Development:** Created engaging user experiences using JavaScript, HTML, Angular, and jQuery

- **System Reliability:** Ensured optimal performance and stability through scheduled maintenance and proactive monitoring

## Software Engineer | Fujitsu GDC LLC, Kazan, Russia

January 2009 - November 2010

- **Rails Development:** Developed and maintained Ruby on Rails applications with focus on performance optimization
- **User Interface:** Created intuitive frontend applications using Angular and jQuery frameworks
- **Foundation Building:** Established coding standards and practices that became company-wide best practices

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## Open Source Contributions

### Personal Projects:

Visit my [GitHub](#) and [website](#) for a comprehensive overview of my open source work.

### Community Contributions:

Rails, ActiveStorage, RavenX, Yandex-disk, RavenX\_telegram, Elixir\_Uber, CBR\_elixir, Standup\_bot, RFPL\_table, Devise\_autosigninable, Elixir-mbcs, Nanoid, Scrivener\_ecto, and 20+ other open source projects

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## Education

**Kazan National Research Technical University** (A.N. Tupolev)

**Kazan State Agriculture University**

### Leadership:

- **Organizer & Leader** - Kazan Linux User Group (2009-2018)

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## Entrepreneurial Experience

As co-founder and technical lead of multiple ventures, I've gained invaluable experience in product development from conception to market launch. These entrepreneurial endeavors have enhanced my ability to balance technical excellence with business objectives, understand customer needs deeply, and make strategic technology decisions under resource constraints.

### Key Projects:

- **Email Marketing Platform** - Co-founded and led technical development of comprehensive email marketing solution

- **Genomics Solutions for Precision Medicine** - Built cutting-edge platform leveraging genomic data for personalized healthcare applications
- **iOS Application for Parents and Kids** - Developed family-focused mobile application with emphasis on user experience and safety

This entrepreneurial background has strengthened my leadership approach by fostering a product-minded engineering culture, improving cross-functional collaboration, and enabling me to mentor teams with both technical depth and business acumen.