Mike Garifullin

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ABOUT ME

Experienced technical leader with expertise in modern web development, focusing on backend systems optimization and architecture.
Skilled in database optimization, front-end technologies, and implementing CI/CD processes. Strong emphasis on clean code practices and knowledge sharing.

EXPERIENCE

Senior Software Development Engineer, Bank of America, Dublin, Ireland, *June 2025 - currently (6 months)*

Project: Risk data quality control management system.
Developed critical US Regulatory Reporting Automation Solutions, transitioning a proof-of-concept into a scalable, production-ready system. This involved engineering and monitoring key reporting processes for a regulatory reporting group.
Contributed as SDE to the EMEA Regulatory Reporting Platform, collaborating with a cross-functional team of developers and business analysts to ensure alignment between technical implementation and business requirements.

Achievements: Engineered an automated risk data assessment platform that reduced data processing time, enabling more frequent and accurate risk reporting to senior management and regulators.
Developed and implemented a cross-functional initiative to harmonize data models across multiple business units, resulting a reduction in manual data reconciliation efforts and improved data consistency for all risk reporting streams.

Key technologies: Python(FastAPI)/CLI, Microservices, Graphql federation, MongoDB, Redis (Streams), Airflow/Astronomer, Openshift, Angular

Technical Leader, Smartbox Group, Dublin, Ireland, *December 2017 – June 2025 (7 years 7 months)*

Project: Voucher-based booking service for end beneficiaries.
Coordinate team integrations for seamless collaboration, modernize tech tools, and enhance practices.
Designed and developed RESTful APIs, integrating internal and third-party services to enable robust, scalable functionality.
Enhanced Agile framework, resulting in measurable improvements in team productivity.
Designed and implemented OpenTelemetry-based monitoring and alerting frameworks, integrating with Grafana and Prometheus for real-time visibility.
Introduced static analysis, API testing tools, and automated CI/CD workflows with GitLab for enhanced release management and system resilience.
Spearhead backend architecture optimisation, introducing static analysis tools and API testing frameworks to enhance system reliability and development workflow.

Achievements: Successfully migrated CI/CD process from Jenkins to GitLab.
Integrated an email marketing platform for enhanced functionality.
Made numerous improvements to enhance our Agile framework used by the team.

Key technologies: Python(FastAPI)/CLI, Go Lang, JS/Vue, Cypress, PHP/Symfony, Chief, Docker Swarm, k8s, Jenkins, MySQL, Redis

Senior Software Development Engineer, overnightprints.com, Las Vegas, USA, *Jan 2014 – Dec 2017 (4 years)*

Project: Online printing service for end users and corporate customers.
Responsibilities: Developed full-stack features enhancing project functionality.
Designed and integrated REST APIs for payment systems, warehouse communication, and customer-facing interfaces.
Pioneered development of comprehensive tracking solutions, enhancing order visibility and improving delivery efficiency across operations
Led cross-functional development initiatives to streamline warehouse operations, implementing real-time inventory tracking and automated order management

Achievements: Integrated new payment systems to enhance customer payment options. Successfully connected with warehouse suppliers to improve inventory management. Designed and implemented a tracking system for more efficient order deliveries.
Key technologies: PHP/Symfony, JS/React, Selenium, ChatOps via Slack, PostgreSQL, Bash for automation

Full-stack Developer, Freelance, remote, *May 2012 – Jan 2014 (1 year and 9 months)*

Projects: Online storefront for a real estate agency based in Turkey.
Affiliate network solution for a company operating out of Latvia.

Responsibilities: Managed client relationships, ensuring satisfaction and addressing concerns effectively.
Implemented payment solutions, optimizing transaction processes.
Designed and implemented custom REST/SOAP APIs for payment and affiliate systems.
Led feature delivery, ensuring timely completion of project milestones.
Identified and mitigated project risks, ensuring smooth execution.

Achievements: Happy customers of my services ;)
Key technologies: PHP/Laravel, PHP/Slim, JS/Vanilla, Envoy, AWS

Project Owner, Mute-lab, Saratov, Russia, *Oct 2011 – May 2012 (8 months)*

Projects: Travel SAAS B2B service that caters to travel agencies such as Pegas Touristik, CoralTRAVEL, Aviacassa.ru, Aviakassa.ru, and Travel.ru.
Responsibilities: Managed resource planning, conflict resolution, and customer expectations effectively.
Successfully resolved integration issues with payment and GDS gateways.
Monitored project timelines and deadlines closely.

Key technologies: PHP/Laravel, JS/Vanilla, Envoy, AWS but mainly product owner role

Project Manager, Websynergy, Saratov, Russia, *Jul 2010 – Oct 2011 (1 year 4 months)*

Projects: Website for Starcraft2 championships as part of Beeline's promotion company, the largest broadband and cellular provider. Project aspects for Unimilk promotional sites focused on their dairy products.
Responsibilities: Created detailed project plans by setting goals, scope, timelines, and allocating resources.
Developed clear roadmaps to guide project execution. Assigned tasks and responsibilities according to team members' strengths and skills.
Key technologies: PHP/Laravel, JS/Vanilla, JS/NodeJs but mainly project manager position

Head of development, Unima, Saratov, Russia, *May 2008 – Jul 2010 (2 years 3 months)*

Project: Managing daily development workflows for a small web agency.
Responsibilities: Implemented quality control measures to uphold high standards throughout projects. Conducted comprehensive testing and reviews to meet client expectations. Prioritised client requirements and ensured their satisfaction.
Key technologies: PHP, JS/Ember, Deployer, MODx

Head of IT department, Pronto Samara, Saratov, Russia, *Jul 2005 – May 2008 (2 years 11 months)*

Project: Supporting the information infrastructure of a regional editorial office for a classifieds newspaper
Responsibilities: Managed infrastructure including over 50 workstations and 5 servers. Conducted database maintenance. Provided support and upgrades for FreeBSD server infrastructure. Administered accounting services on Windows 2003 Server using MS SQL.
Key technologies: FreeBSD, Active Directory, DB2, MS SQL, Postfix, proFTPD, Asterisk

Software Developer, Narva Consulting LLC, remote, *Aug 2004 – May 2005 (10 months)*

Project: CRM system for managing a diocese of Hockey Ministries International.
Responsibilities: Successfully refactored a corporate website. Implemented strong security measures to safeguard sensitive data, prevent unauthorised access, and mitigate common web vulnerabilities. Developed tools for facilitating intra-corporate information exchange among remote agents.
Key technologies: PHP/ZF, PropelORM, JS/Vanilla

EDUCATION

Saratov Chernyshevsky State University, Saratov
Sep 2001 – May 2007 Applied Mathematics and Computer Science

EXTRAS

- **Cultural Experiences:** I really enjoy the time spent researching new technologies that can benefit my current project. I also believe that the lessons learned during my daily work help me a lot with understanding how to grow my kids as worthy people.

- **Social Impact:** I love to participate in my local community and assist with organising the cleaning-out days in our borough.

- **Personal Interests:** Huge fan of jogging, avid cyclist.