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# Mike Garifullin

Co. Kildare, Ireland,  
EU Citizen, notice period 4 weeks  
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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 2024 - currently (1 year and 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 2024 (6 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.