**Siarhei Prystupa**

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**Professional Summary**

Experienced Senior Software Engineer with 13 years history of working in information technology and services industry. Responsible Java and GoLang backend developer with full-stack experience, focused on delivering scalable, fault-tolerant and reliable products. Strong and respectful team leader striving to establish harmonious team atmosphere and build collaborative relationships to perform at maximum efficiency.

**Skills**

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| * Team leadership * Teamwork * Proficient in Java, GoLang * Development lifecycles * Technical requirements gathering and analysis * Software documentation * Software development * Design reviews | * Agile SCRUM methodology * Data Structures * SQL Databases * Performance tuning * Technical support * New employee mentoring * Troubleshooting * Best practices and standards |

**Tools & Technologies**

* Languages: Java, Golang
* Frameworks: JavaEE, JMS, Spring Framework (Core, MVC, Data), Spring Boot, GRPC
* Web Services: REST, SOAP
* Communication Protocols: JSON, Protocol Buffers
* VCS: Git
* Repositories: GitHub, JFrog, Apache Nexus
* Code Quality: Sonarqube, JaCoCo, Checkstyle
* Build Tools: Maven
* Databases: MS SQL Server, Oracle
* Web development: JavaScript, HTML, CSS, jQuery, Bootstrap
* Application Servers: JBoss EAP, Tomcat
* Testing: Junit, Mockito, PowerMockito, JMock, SoapUI, Spring Testing
* Performance Testing: Apache JMeter, SoapUI
* CI / CD: Jenkins, Concourse
* Cloud: Pivotal Cloud Foundry
* Monitoring: Splunk, Grafana

**Work History**

Senior Software Engineer, 02/2010 to Current

EPAM Systems Inc. – San Francisco, CA

* Supported all phases of software life cycle on large scale production environments: TDD (Technical Design Documentation), InfoSec (Informational Security), estimations, development, testing and release
* Worked on CI/CD pipelines based on Concourse for PCF (Pivotal Cloud Foundry) deployments in collaboration with DevOps engineers
* Designed scalable and effective applications for marketing platform
* Led team of 6 onsite and 3 offshore developers
* Trained and mentored junior developers and interns, teaching skills in full software development lifecycle and working in fast-pace agile environments to improve team performance
* Worked in fast-paced agile environment with Product and Project Managers, QA and Business teams to meet customer's expectations
* Improved system performance by 15% by making proactive adjustments and resolving bugs
* Created proofs of concept for new solutions (Docker, Spring Cloud, GoLang, GRPC and Protocol Buffers)
* Consulted with engineering team members to determine system loads and develop improvement plans
* Collaborated with cross-functional teams to analyze potential system solutions based on client requirements

Software Engineer, 03/2007 to 02/2010

Itransition Group Ltd. – Minsk, Belarus

**Accomplishments**

* Led a team of interns who integrated a new payment option into company's product and won Interns Competition Award.
* Led the migration of on-premise monolith application to a set of micro services deployed on PCF using Concourse CI/CD pipelines.
* Migrated Java codebase to Golang applications that significantly decreased CPU and RAM usage and increased applications throughput.
* Designed event-driven micro-services architecture and launched Spring Cloud project consisting of 5 applications in collaboration with Business Owners, Project Managers and DevOps .
* Integrated Splunk logging solution that significantly improved applications' state visibility and alerting capabilities. Splunk reports allowed teams to predict application's behavior at the moments with highest load based on historical patterns.
* Designed complex UI and properties system for managing functional parts of a big application which significantly reduced configuration times. Changes/adjustments to application functionality could be done at runtime without affecting user experience.
* Designed the architecture of Promotion Engine as a part of Loyalty system that allowed to execute multiple promotions for various company's exclusive products. That allowed to increase loyalty rates by 15% and attract new clients.
* Created containerized development environment powered by Docker Engine for team members working in different OS, which decreased configuration time of development environment by 50%.

**Education**

Bachelor of Science: Mathematics and Computer Science, 2007

Belarusian State University - Minsk, Belarus