Egor Pianykh   206-482-7070   egor.pianykh@gmail.com

A decent software engineer is looking to build expertise in distributed software at scale.

GlobalLogic Inc   **2013 - present**

Backend Engineer, a hospitality company   **Feb 2021 - Present**
- Developing card payment services for a hospitality company

Primary technologies: Azure, C#, Java

Software Engineer, medical ECG monitoring   **May 2020 - Nov 2020**
- Created an infrastructure as a code for on-prem Cassandra cluster deployments. This is a part of a system that will enable my client to deploy solutions to military hospitals and hospitals that prefer to manage their infrastructure.
- Implemented a metrics agent to monitor the health of the Cassandra cluster. The agent, along with the Kibana dashboard, will allow the ops team to monitor the cluster's health and provide appropriate SLA.

Primary technologies: Linux, Docker, Docker swarm mode, Cassandra, Elastic, Kibana

Project Coordinator, legacy ECG devices   **Oct 2019 - May 2020**
- Provided technical leadership and direction to 35 software engineers, quality engineers, and business analysts. Facilitated collaboration between stakeholders and development teams and saved hundreds of work hours by minimizing the communication time gap.
- Represented a team on organization meetings, enabled quick issue resolution.
- Conducted cost-benefit analysis for remote customer support tooling. Presented the findings to a team of executives. The decision that was made saved a company hundreds of thousands of dollars per year.
- Led an effort to adjust APIs with a third-party vendor. Fast problem solving led to the timely release and avoided reputation losses to my client.

Primary technologies: communication, PowerPoint, Excel

Senior Software Engineer, medical ultrasound machines   **Jun 2017 - Oct 2019**
- Designed and implemented a set of tools to reprogram faulty ultrasonic transducers in the field. This toolset saved over 20M dollars, avoiding the replacement of probes. And most importantly prevented ultrasonographers from cancer misdiagnosis.
- Implemented a workaround for a bug in the NVIDIA display driver that appears only with custom display and in out-of-support cards. This workaround could save thousands of hours of field engineers' work and millions of company losses.
- Fixed numerous hard to reproduce issues in legacy systems with over 2M lines of code and heavily dependent on global variables.

Primary technologies: C++, C#, .NET Framework, WPF

Tech Lead, semiconductor burn-in oven automation   **Jan 2017 - Mar 2017**
- Established the agile process, sprints and enabled my team on every demo.
- Designed a portal for configuring a semiconductor burn-in oven. Improved production floor operators' speed of work and reduced the number of defective batches by 5%.
- Led a team to the successful implementation of the project on time. Prevented the downtime for already installed equipment and enabling the next round of million dollars budgeting for a greater team.
- Facilitated collaboration between developers and business analysts.

Primary technologies: ASP.NET WebApi, Angular, Bootstrap, SQL Server

Software Engineer, CRM system   **Jun 2016 - Jan 2017**
- Tracked a rare critical bug that was missed by dozens of eyes. Nobody knew how it was introduced to the system. Spent hundreds of hours researching codebase and experimenting with the CI/CD system. Successfully unblocked a team on their goal to unbind CRM from SQL Server.
- Merged an enormous amount of branches in git in a system with around 1500 active developers. Enabled my teammates to move faster and saved hundreds of development time by using my git expertise.

Fullstack Engineer, Private Equity Fund   **Nov 2012 - May 2016**
- Implemented an Excel macro merge tool that could save a team over 96 person-days yearly.
- Optimized a data ingestion endpoint by using a low-level reading API. This enabled accountants to load ten times bigger documents and decreased processing times by four times on average.

Primary technologies: ASP.NET WebApi, ExtJS SQL Server

EPAM Systems   **June 2012 - Nov 2013**
Software Engineer, market risk calculation platform
- Developed software to migrate config files used across the bank.
- Effectively communicated to pull people from the different teams together and migrated configs in one release. This enabled the retirement of old services earlier and saved hundreds of man-hours of developers' work.

Other projects that I have done while studying or off work   **2008 - 2012**
- Architecture and implementation of automated dispatch GIS system for a trucking company
- Driving the insurance company payroll platform from 0 to completion.

Education and certificates
- Bachelor degree in Applied Mathematics in East Ukrainian State University
- Deep Learning School by Moscow Institute of Physics and Technology (completed the first-semester study, to be completed in 2021)
- Deeplearning.ai specialization on coursera.org
- Machine Learning Scientist with Python on DataCamp.com