Aleksandr Nekrasov
Lead Software Engineer

Focused on strong, simple and clear processes, mentoring and coaching teammates.
Contributor to Swagger, OpenApi, Sbt plugins

🔗 linkedin.com/in/aleksandr-nekrasov ⊙ github.com/chameleon82

agoda **BOOKING HOLDINGS** Agoda is one of the world's fastest growing online travel booking platforms.
With companies as Booking.com, Priceline.com, Kayak.com is a part of Booking Holdings

📅 Mar 2023 - Present
📍 Thailand, Bangkok

Tech Lead DevOps

Design and drive company-wide initiatives aim to improve developer experience and satisfaction.

`Scala 2.13` `Kotlin` `Go` `Grafana` `Tooling`

Coding 10%	Design 60%	Knowledge sharing/Support 40%

📅 Sep 2022 - Mar
2023
📍 Thailand, Bangkok

Tech Lead Backend Platform Team

Drive company kotlin migration initiative, support platform stack and list of common internal libraries to keep high standards. Drive observability initiative

Launched Kotlin templates, libraries and practices significantly reducing new project kick-off time. Kick-off tracing and observability standardization initiative across company

Influencer of scala/kotlin standards and practices across company. Develop common internal components.

`Scala 2.13` `Kotlin` `Kafka/Rabbit` `Grafana` `MsSQL` `Tooling`

Coding 30%	Design 30%	Knowledge sharing/Support 40%

📅 Feb 2020 - Sep 2022
📍 Thailand, Bangkok

Tech Lead Fintech/Payment team

Design and build distribution multicomponent card issuing system integrated with schema providers (Visa/MasterCard). Maintain transaction/settlement activity across financial components/ERP. Focus on high standards of code, maintability, resilience and scalability. Scrum master role in the team (Agile/Scrum)

Achieved exceptional teams velocity and productivity. Develop great code culture across project scrums, which helps to move faster and achive most business goals at earlier stage.

Influencer of scala standards and practices across company. Develop common internal components.

`Scala 2.12` `Akka-http` `Kafka/Rabbit` `Kibana/Grafana` `MsSQL` **`Agile/Scrum`**

Development 30%	Design/Tech Leading/Mentoring 50%	Scrum/Processes 20%

📅 Apr 2019 - Feb 2020
📍 Thailand, Bangkok

Senior software engineer Core/Booking Engine team

We do implementation of business changes (impact on margin increase) through the whole system. Our responsibility is to figure out a components, confirm changes with necessary teams and implement and manage changes through all these components. Scrum master role in the team (Agile/Scrum)

Achieved perfect team velocity (most of the goals achieved, processes and quarter/year goals and product requirements clear for team members and retrieved from business in time).

Influencer of scala standards and practices across company.

`Scala 2.12` `Akka-http` `C#` `MsSQL` **`Agile/Scrum`**

Development 50%	Tech Leading 30%	Scrum/Processes 20%

📅 Jun 2017 - Apr 2019
📍 Thailand, Bangkok

Senior software engineer Data/Machine learning department

Data team Fullstack development on the multicomponent project with control panel on python/django, middle layer on scala/play2 and core on spark/hadoop. Started from PoC project was optimized for massive calculations on the hadoop/spark layer, integrated with internal financial system and external systems such as DocuSign which was integrated into one pipeline process.

With Scrum master role on the project was organised right processes with such goals as good team performance, stable predictability of working scope for business, small bus factor. With team lead role was improved such processes as code review, code stable, readable and well covered with tests, all CI/CD automated with Teamcity and Puppet. Strong GitFlow with meaningful commits, history and synced with Jira tracker. Iterative release cycle fitted to sprints. As well implemented Docker environment for development and test purposes.

As teamlead/scrum my most focus was on delivery right business things in right time (so i had to challenge and manage team do right things and trade-off with PO for team/company benefits of product requirements and protect team of overcommitment and trade-offs for necessary tech debts/refactorings) and as a result our project achieve huge financial results. From technical point of view PoC transformed to maintainable and scalable product, covered with tests and well documented.

`Scala 2.11/2.12` `Spark` `Play` `Python/Django` `MsSQL` **`Agile/Scrum`**

Development 60%	CI/CD + Tech Leading 20%	Scrum/Processes 20%

Centre of Financial Technologies Group (CFT Group) established in 1991 is a provider of solutions for the financial market of Russia and CIS.

Sep 2015 - May 2017
Russia, Novosibirsk

Lead Developer Research and development team

Lead the research and development of high load middleware and backend software (50k ops/hour). Projecting and developing RESTful API`s (java/resteasy/jdbc), database logic (oracle/plsql), integrations and coordination development cycle. Build strong CI/CD cycle with Atlassian stack (Jira/Stash/Bamboo) and Gradle based on strict Gitflow.

Successfully implemented SSO-platform based on Keycloak solution. Provide best practices in development technologies and platform architecture. Strong Agile(Scrum/XP) development process. Migrated from physical machines on Docker containers for developing, building and testing processes, on the way for full DevOps infrastructure. Build fully automated CI/CD with docker based integration tests. Build database migration plugin integrated with CI/CD, implement database test frameworks.

Lead project development on integrations with banks as merchant, as infrastructure middleware over building and integrating API's. Lead outsource teams on some projects, alignment of requirements, technologies and acceptance. Coaching and mentoring team members. Convert monolithic Oracle app into REST java EE based micro service architecture. Lead the process and make an architect decisions.

`Java EE` `Java 1.8` `Jboss/Wildfly` `Oracle 10g` **Agile/Scrum**

S7 Airlines is Russia's biggest domestic airline operates to almost 150 destinations domestically within Russia and internationally throughout Europe and Asia. Member of One World aliance

Mar 2014 - May 2015
Russia, Novosibirsk

Data Warehouse Architect BI/DWH initiative group

Data/Warehouse team Lead the overall architecture, design and development of Data Warehouse and Data Mart Life Cycle from business requirements to development of logical design, translation to physical design, ETL and code development. Apply and help institute best practices, methodology and standards in DW, ETL and BI design and development to meet project requirements. Provide solutions when escalated to solve issues involved in the daily ETL batch process, including troubleshooting, security, training, performance monitoring and documentation.

Build data government solution for single source of true of corporate data. Flexible rules to manage and control mdm/reference data integrated with DWH.

`Informatica` `Tableau` `PL/SQL` `Oracle 12i` **Kanban**

Mar 2008 - Mar 2014
Russia, Novosibirsk

Lead Developer Finance operations team

Support Oracle E-Business Suite ERP Oracle DB based solution. RUP methodology Customising tons of reports for financial system requirements. Build consolidated financial reports (which was transformed with time into DWH) Customise OeBS ERP to support Legal and Tax laws.

Design and develop automatised financial accounting system which works with aggregators such as Amadeus/Galileo to count and verify sold flight tickets automatically. Integrated with ERP with grained tax ready accounting.

`ERP Oracle E-Business Suite` `Oracle Forms` `Oracle Reports` `PL/SQL` `Oracle 9` **Waterfall/RUP**

Largest first mile internet and iptv provider in Siberia serving daily 1 mln customers

Jun 2007 - Mar 2008
Russia, Kemerovo

Project Manager Research and development team

Since become manager continued to contribute into business vision, technical focus on stability/ scalability and supporting high customer service standards. Managed team of 3 engineers, mentored and developed them (2 of them still work for company on tech manager positions). Consolidate different departments for optimal cooperative work.

Enhance CRM (Marketing/BI, Online support). Integrations with payment systems. Migration to CISCO and integration with Radius.

`Delphi` `PL/SQL` `Oracle 9` **Lean**

Development 30%   Research/Analytics/Processes 70%

Oct 2006 - May 2007
Russia, Kemerovo

Software developer Startup team

Make business scalable reducing business pipeline bottlenecks building company CRM system from scratch (Billing, Service, Call Center, Demands, Planning, Engineering). In details investigated company department's requirements and forced changes in processes handling it with computer programs. As effect of implementation we started connecting 10 times more customers per day with the same departments capabilities and reduced duration of scheduling connection date from about 2 weeks up to next day, significantly reduced the load on call center.

Wrote system supported complex and flexible tariff plans integrated with governable devices. Realtime subscribers switchers (disabling/enabling internet in seconds for thousands subscribers without smart Cisco equipment)

`Delphi` `PL/SQL` `Oracle 9`

Russian army officer, Senior Lieutenant

2004 - 2006
Russia, Novosibirsk

Manage soldiers

Called up for military service after university

Kuzbass Government Technical University. Bachelor diploma (4 years) + Engineer diploma (5 years)

📅 1999 - 2004
📍 Russia, Kemerovo

Faculty: Ground Vehicle Establishment. Average score 4.72

Permanent address of this CV located at https://chameleon82.github.io/cv/ Pdf version Updated in Oct 2021