Valentin Titov

Summary

- Years of experience in software development methodologies, practices, technologies, management.
- Responsibilities for all stages of software product life-cycle, various roles in software development process.
- Contribution into software releases: collaboration with customers, requirements clarification. planning, specification, resource allocation, development, testing, cross-functional/cross-tool issues coordination.
- Starting new projects, new teams, new development site. Hiring, building, mentoring teams. Infrastructure planning.
- Legacy software support. Tier III support.

Work Experience

Team Lead at Sberbank (November 2015 – currently)

- Business applications in the biggest bank in Central and Eastern Europe.
- ETL tools, integration services for hadoop, openshift, jenkins environments.
- Jenkins pipelines, plugins, workflows.
- CI/CD, migration tools.

CTO at Telum LLC (March 2014 – November 2015)

- Wireless mobile equipment R&D.
- Embedded systems, control and monitoring systems.
- LTE small cells (eNodeB, mobile base station) hardware platform.
- Automated test system for wireless network and devices.

Software Architect at Cyberling (January 2014 – March 2014)

- Requirements and design for IVR systems with ASR & TTS capabilities.
- VoIP, PBX, SIP, voice recognition, text-to-speech, avaya, freeswitch, asterisk.

R&D manager at Cadence Design Systems (October 2001 – September 2013)

- Complex EDA software products development and support in a major EDA software development company (Electronic design automation, IC design

CAD software).
- Internal lectures on EDA tools and on software development practices, papers for corporate technical conference.

Education

- Applied Mathematics, Engineer
- Economics, Master

Experience, Skills, Interests

- Project management, people management.
- Requirements management.
- Software releases planning and management.
- Development, testing and deployment management.
- CM/DevOps (configuration management, build&test): planning and setting up regular builds, smoke/integration/performance/capacity testing, cross-platform issues.
- System administration.
- Economics, econometrics, banking software, financial markets.
- Software development methodologies: Waterfall, XP/Agile/Lean/Scrum /Kanban, UML/ER.

Software development tools & technologies

- Compiled languages: c/c++/fortran.
- Scripting: perl/python/bash/shell/tcl/groovy.
- FP: haskell/caml/lisp.
- Assemblers.
- JVM: java/scala/groovy,
    - maven/sbt/gradle, jpa/jdbc/jms/jmx,
    - jax-ws/jax-rs/soap, rest/swagger/openapi, xml/xsd/jaxb, spring,
    - scalaz/cats, akka/http4s,
    - junit/testng, scalatest/specs2/scalacheck, spock.
- JS: javascript, typescript, node.js, react, scalajs.
- OS: linux (gentoo/redhat/suse/ubuntu/arch/debian/t2), solaris, aix, hp-ux, windows, qnx.
- DB: SQL, relational algebra, postgres/oracle/mysql, liquibase.
- Bigdata: hadoop/oozie/yarn/mapreduce/spark/hive/kafka/hdfs/s3.
- DevOps: ansible, docker, jenkins, openshift, robotframework, git/svn, perforce/clearcase.