

Valentin Titov

Work Experience

Tech Lead at Large Financial Institution

November 2015 – currently

- Business applications development.
- ETL tools development for hadoop and openshift environments.
- Integration services development.
- Jenkins pipelines, plugins, workflows.
- Deployment and migration tools.

CTO at Telum LLC

March 2014 – November 2015

- 4G wireless mobile equipment R&D management.
- Embedded systems, control and monitoring systems:
 - LTE small cells (eNodeB, mobile base station) hardware platform development.
 - Planning and managing software releases.

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 one of 3 main EDA software development companies (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.
- Development, testing and deployment management.

- Responsibilities on all stages of software product life-cycle, various roles in software development process.
- Contribution into software releases: planning, specification, resource allocation, development, testing, cross-functional and cross-tool issues coordination, collaboration with customers to clarify and implement new requirements.
- Starting new projects and new teams at new development site. Hiring, building, coaching teams.
- CM/DevOps (configuration management, build&test): regular builds, smoke tests, integration tests, cross-platform issues. System administration, infrastructure planning.
- 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, xml/xsd/jaxb, spring, akka/http4s, scalaz/cats, 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.