



Alexey Aristov
Consultant & Coach

Profile



EDUCATION

Applied
Mathematics
(LETI, St. Petersburg)

LANGUAGES

Russian (Native)
English (Fluent)
German (Basic)

DRIVER'S LICENSE

Class B

ABOUT

More than 15 years of software
development experience.

Broad understanding of modern software
technologies, possibilities and challenges.

Project goal and result oriented.



Competencies

Project Types

- Team coaching
- Software architecture
- Technical strategy
- Technological crisis management
- Architecture due diligence

Business Areas

- Banking and Finance
- Security and surveillance
- Internet
- Public sector
- Open Source

Expertise

- High availability systems
- Extensible and modular architectures
- Functional Programming
- Modular software
- Computer vision/ biometry
- Enterprise Java
- Rich user interfaces



Technologies

Platforms

- Java
- OSGi
- Eclipse RCP (and other Eclipse frameworks)
- AMQP (RabbitMQ)
- J2EE (JBoss AS, IBM WebSphere)
- SQL/NoSQL databases
- Erlang/OTP

Programming Languages

- Java (15)
- Clojure (4)
- Erlang/OTP (2)
- Pascal (4)
- Matlab (2)
- Java Script (1)
- C / C++ (5)

(Figures in Years)

Certifications

- Certified Advanced Eclipse RCP Trainer
- Certified Programmer for the Java Platform
- Certified JBoss Consultant
- Certified Scrum Master



Selected Projects

Description	Location	Overview	Technologies
Software Company	Moscow, RU	<ul style="list-style-type: none">▪ Facial recognition platform for security applications▪ Interim CTO of company including technology due diligence, code review, product definition and management▪ Development team re-organization of 60+ developers with agile planning▪ Highly available clustered platform	Java, C++, Matlab, OSGi, RabbitMQ, MongoDB, CUDA
Web 2.0 Startup	Palo Alto, CA	<ul style="list-style-type: none">▪ Social communication platform for business application▪ CTO of the stealth mode startup overseeing software development, assisting with company funding, and developing technical aspects of investor negotiations	Clojure, OSGi, MongoDB, Adobe Flex, Java Script
Large Bank	Frankfurt, DE	<ul style="list-style-type: none">▪ UI architecture/development for ETF trading platform▪ Advanced real-time data visualization▪ Graphical tool for steering trading algorithms▪ Network messaging protocol for ultra low latency interactions	Java, C++, OSGi, Eclipse RCP

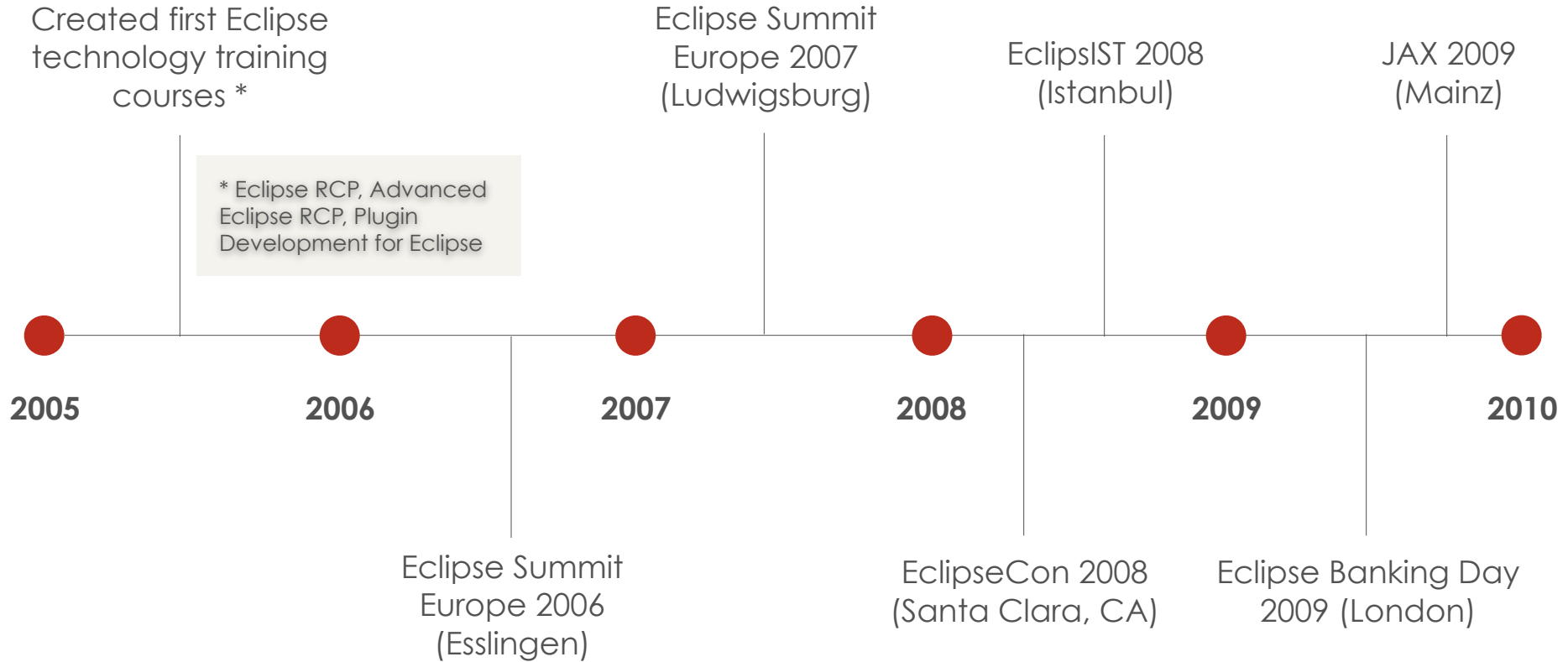


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Mid-sized Bank	Luxembourg	<ul style="list-style-type: none">▪ Risk management platform for FX activities▪ Project Planning▪ System Architecture and Design▪ Team lead (7 developers)	Java, J2EE (JBoss), EclipseRCP, OSGi, Oracle
Technology Startup	Stuttgart, DE	<ul style="list-style-type: none">▪ Soft real-time NoSQL database for data fragment matching▪ System architecture▪ Development▪ Team Lead (5 developers)	Erlang/OTP, Clojure, AMQP (RabbitMQ), WebSockets



Courses & Conferences



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Thank You