Andrey Cherkashin

Software Engineer

Education

2007–2011	**B.S.**, *Siberian Federal University*, Krasnoyarsk, Russian Federation, *System Analysis and Managment*.
2012–2014	**M.S.**, *Siberian Federal University*, Krasnoyarsk, Russian Federation, *System Analysis in enterprise managment*.
2009-2011	**English Classes**, *Santa Barbara City College*, Santa Barbara, CA.

Technologies

Languages	Java, Ruby, Javascript, Objective C, Elexir, Rust, Kotlin, Python
Frameworks	Spring MVC, Akka, Ruby On Rails, Cocoa, OTP, React Native
Op. systems	FreeBSD, GNU/Linux, macOS
Databases	PostgreSQL, Cassandra, Riak, CouchDB, Redis, ElasticSearch, lmdb
Other	Xen, Amazon Web Services, Docker, Salt, DTrace, Nginx, LaTeX, bash, zsh

Languages

Russian	Native
English	Excellent

Relevant Coursework

Siberian Federal University

B.S.	Methods of optimizing staff schedule in retail stores
M.S.	Developing customer loyalty program in retail stores

Experience

KF Sinrah

2007–2009	**Director of IT**, *KF Sinrah*, Krasnoyarsk, Russian Federation. IT Consulting

Freelance

2009–2017	**Software Developer**, *Freelansim*.

Projects

Vocational

2012–2015	**RADOS Monitoring**, *iOS app*, Mobile interface for mining equipment monitoring service. Development of mobile dashboard and administrative interface for iOS devices.

- o Technologies used:
  - Objective-C, CocoaTouch, DTrace

2011–2015 **Sibrados**, *Managment and analytics system for mining equipment*.

Development of complex monitoring solution for minning equipment.

- o Resposibilties:
  - Setup up local network infrastructure and servers
  - Oversee development of embeded monitor nodes
  - Design and implement field data collection system
  - Deploy field data collection system
  - Monitor health status of collection system
- o Technologies used:
  - Backend: Spring MVC, Riak, PostgreSQL, Java, ElasticSearch, RabbitMQ
  - Monitoring node: Embeded C, Erlang (field data collector)
  - Administrative interface and dashboard: Ruby on Rails, Backbone.js, D3.js

2010–2011 **Avral.pro**, *E-Commerce Website*, http://avral.pro.

Develop e-commerce solution for retailer of home improvement and construction products.

- o Resposibilties:
  - Design and implement engine for e-commerce application
  - Deploy application into AWS Elastic Beanstalk
  - Implement data synchronization between application and inventory managment system
- o Technologies used:
  - Ruby on Rails, CouchDB, Redis, ElasticSearch, AWS Beasntalk, AWS EC2

Miscellaneous

2010–2011 **Razvivaika**, *iOS Game*, Russian alphabet game for kids.
http:/itunes.apple.com/us/app/id405879674?mt=8

- o Technologies used:
  - Objective-C, CocoaTouch, DTrace

2012 **SibRados**, *Corporate Website*, http://sibrados.com.

Ruby on Rails