Personal Information

Name	Artem Mezhenin
Gender	Male
Date of birth	13.01.1988
Citizenship	Russian Federation
E-mail	a.mezhenin@gmail.com
Skype	a.mezhenin
Languages	Russian, English

Education

Petrozavodsk State University, Russian Federation
Bachelor degree in Applied Mathematics, 2010
Master degree in Information Systems, 2012

Summary

Artem is traveling software engineer. He have strong coding skills and mathematical background. He is interested in position in small/medium size projects where he can make significant contribution. Artem is very competent in Python development, database design, message queues and linux administration.

Artem is interested in:
- Web development
- Machine learning and data analysis
- Algorithms, data structures, databases
- Distributed systems design, highload systems

Experience

Backend Developer (via Toptal)
December 2013 – Present. WiserTogether, Inc., Remote.
- Developed health-care knowledge base in Python/Django and MongoDB
- Provide REST API to this database with complex graph traversal scenarios
- Created automation scripts for Openshift instance management
- Covered 100% of code with tests
- Wrote automated migration tool (similar to South) for model updates in MongoDB
- Communicate in English with distributed team

Senior Python Developer
December 2012 – November 2013. Metabar, Moscow.
- Designed system for Internet statistics collection
- Replaced existing MongoDB sharding cluster(3 shards) with single replica set, after deep optimization and refactoring
- Developed highload backend with Python/Celery and RabbitMQ, that serves >50M tasks per day
- Created custom OLTP/OLAP solution with MongoDB, that serves >30M op. per day
- Provided support and disaster investigation for production servers
- Automate deployments with Fabric
- Wrote asynchronous services on top of Yandex.Market API with Gevent
- References: Mike Ushakov <mr@metabar.ru>, CEO at Metabar

Senior Developer
August 2011 — December 2012. Tehnodar, Petrozavodsk
- Created vehicle tracking Web application in Python/Django
- Developed high-loaded database (MongoDB, >10M new geospatial data points per day)
- Designed scalable and failover architecture of the system
- Project planning
- Made significant performance boost by applying NumPy (package for scientific computing) for data analysis
- Install and maintain servers for project needs

Developer
May 2008 – October 2010. Petrozavodsk State University, Department of "Computer Science"
- Created multiblog client application for the Maemo/MeeGo platform
- Designed application architecture and API
- Implemented lightweight ORM to support offline mode
- Integrate application with different web services
- Wrote unittests and doxigen comments
- http://scribo.garage.maemo.org/ , about 160K downloads

ACM ICPC contestant
- Studied algorithms and data structures for 3 year
- ACM ICPC 2008-2009, NEERC, Certificate of Achievement

Skills

Programming	Python, JavaScript, Go(golang), Octave, C, Java
Frameworks and libs	Django, Celery, Tornado, Gevent, Flask, ZeroMQ, Qt, python-rq, Fabric, Backbone.js
Tools	Git, Mercurial
Databases	MongoDB, PostgreSQL, MySQL, Redis, CouchDB,

	Memcache, sqlite, ElasticSearch
Integration patterns	RPC, Messaging(RabbitMQ), REST
Administration	Linux, gunicorn, uwsgi, Apache, Nginx, supervisor, runit, Openshift

Additional education

- Summer school «**Internet tablet '2008**», Petrozavodsk State University and Nokia Research Center
- Winter school «**Internet tablet '2009**», Petrozavodsk State University and Nokia Research Center
- **Algorithms**, Part I by Robert Sedgewick and Kevin Wayne, Princeton University. Coursera online course, 2012.
- **Machine Learning** by Andrew Ng, Stanford University. Coursera online course, 2012.
- **CS188.1x: Artificial Intelligence** by Dan Klein and Pieter Abbeel, University of California, Berkeley. Edx online course, 2012.
- **M101 MongoDB** for Developers by Andrew Erlichson. 10gen online course, 2012.
- **M102 MongoDB** for DBAs by Dwight Merriman. 10gen online course, 2012.
- **Introduction to Parallel Programming** by John Owens(University of California) and David Luebke(NVIDIA Corp.). Udacity online course, 2013.

Links

Personal site	http://amezhenin.ru
StackOverflow	http://stackoverflow.com/users/1325846/amezhenin
LinkedIn	http://www.linkedin.com/pub/artem-mezhenin/59/847/ba6
GitHub	https://github.com/amezhenin
Toptal	http://www.toptal.com/resume/artem-mezhenin