Iurii Okhonin

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Code examples and public open source projects:
https://github.com/snowyurik?tab=repositories

Willing to relocate: Anywhere

Work Experience

Full Stack Developer
Agave Storm Inc - Toronto, ON
August 2022 to Present

Working on several projects, including:

• Database access speed optimization, PostgreSQL, Django ORM, Python.
• Implementation of new learning algorithms for compact neural networks. I receive algorithm description from mathematician and turn that into cpp library, which can be used in third - party projects.
• Intellectual watering system, embedded, cpp, esp32 + mobile app, written in js + cordova.
• Yui's task manager, python, wxwidgets, publishing (project in early beta test right now)

Tech Lead/Senior Developer
Solution Factory - Krasnoyarsk
November 2021 to August 2022

Project includes:

Physical device with micro-service software, bank transactions, computer vision, web-based frontend, mobile-based frontend, backend api, device api.

As tech lead:
• Improving development process: team adopt GitFlow, unit tests, integration tests, ci/cd for backend using azure pipelines;
• Code review & mentoring

As senior developer:

• Refactoring
• Implementing new features

Skills involved:

12factor, Agile, Scrum, Kanban, Azure Devops. C#/.NET in Linux environment, C++, Transact-Sql.

Research and Development Engineer
StarSystems Co, jp - Tokyo
March 2018 to May 2021

My group was focused on neural networks, object recognition. In general we whare working on SaaS, which includes: server side cpp apps, distributed database, web based frontend, rest api.

Director
IP Okhonin Yuriy Victorovich - Krasnoyarsk
March 2011 to March 2018

Web sites and enterprise web applications.

Staff: 4 web developers and 2 designers

Head of Automatization Departament
Orion Telecom Ltd. (internet service provider) - Krasnoyarsk
August 2009 to March 2011

Duties: application architecture, workflow management, analytics, introduction of new technologies.

The following technologies where introduced and applied: Scrum with accommodation, usability testing, test driven development and unit testing, use cases, user story cards, test cases.

Deputy Head of Technical Department
Orion Telecom Ltd. (internet service provider) - Krasnoyarsk
December 2007 to August 2009

Duties: development and support and for company projects (monitoring, helpdesk, distributed dhcp-server management, online payments), analytics.

System Administrator
Astrosoft-Yenisey Ltd. - Krasnoyarsk
December 2005 to June 2007

Duties: managing distributed corporate network, VPN tunnels,MS ISA, Active Directory, Exchange, IIS, MSSQL, Visual Source Safe, Source Off Site, BDT, terminal server.

System Administrator
Partner Busines Consalting Inc. - Krasnoyarsk
March 2005 to November 2005

Duties: administration of Lotus Notes (mail, web-server, eSales CRM), Active Directory

Technical Support Engineer
Morning Network Ltd - Krasnoyarsk
October 2004 to March 2005

Customer support, cable network support

Education

Kranoyarsk State Univercity, then Siberian State Technological University in Computer Science
41 - Krasnoyarsk
July 1997 to July 2003

Skills

- Agile Software Development
- Agile Project Management
- Agile Methodology
- Agile Development
- C++
- Java
- PHP
- JavaScript
- Python
- Swift
- Mobile Applications
- Scrum
- Linux
- SQL
- Git
- Operating Systems
- REST
- Tomcat
- Application development
- HTML5
- OOP
- Software troubleshooting
- Less
- SASS
- SaaS
- XML
- C/C++
- APIs
- MySQL
- Jira
- User Interface (UI)
- SVN

- Unit Testing
- Test Cases
- Apache