

# Artur Ampilogov

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## Summary

Over 15 years in the Information Technology area, including managing teams as CTO, Chief Architect, Lead software developer.

Strongest technical skills: DevOps, Cloud Architecture (GCP, AWS, Azure, Yandex), AI/ML, React JS, Node JS, TypeScript, C# .NET, Databases. Technical polyglot: worked with many languages and technologies.

## Experience

### Full-stack Developer (Part time)

Perci Health

Jul 2021 - Present (2 years 7 months)

Created new web applications to support the UK Health startup that helps fighting cancer.

Improved applications quality by covering new and old applications with E2E tests (Cypress and Microsoft Playwright). Simplified code base by moving the solutions to monorepo using Turborepo. Integrated many third party services. Micro-projects are implemented with the low cost infrastructure using Google Firebase.

### Senior Full Stack Engineer

Nodia

Oct 2023 - Jan 2024 (4 months)

Building the web application for the Germany Web3/NFT startup and arts exhibitions. The project is built with the latest technologies: Next.JS v.14 App router, TypeScript, Tailwind, Firebase, Web3, Hardhat, minting NFTs and creating Solidity contracts with Ethereum blockchain.

### Chief Technology Officer

Socionom

Jan 2021 - Dec 2023 (3 years)

I helped a former colleague to build the educational social network.

Leading the technical team, interviewed and searched for candidates. Setup Atlassian Jira and managed technical tasks.

Updated the architecture to use a Cloud platform with microservices and Docker Swarm.

Developed Node JS microservices (Video converter, Auth, Zoom services). Set up auto delivery infrastructure with Terraform, Continuous Integration with Github and Git submodules. Created Dev, UAT and Production environments in the Cloud.

Provided documentation and technical plans for the product growth.

The cost of infrastructure and third party services was reduced in 5 times, it saved 30,000 USD per year.



## Software Engineering Tech Lead

### Kana

Jan 2022 - Sep 2022 (9 months)

Helped the UK startup to implement Pricing SaaS product in a very challenging and dynamic work flow.

The web application is built with rich UI (Next.JS, Chakra UI) and multiple backend services (GraphQL, REST API, Queues, Relational and Document databases, Clickhouse DB). Simplified development cycle by moving the code base to Monorepo with Turborepo, using Docker Compose and Github CI Workflows. Provided deep integration with Stripe Billing provider, and many other third party services. Created a couple of public NPM packages for the main product usage (client and server side). Improved latency for high-load client requests by adding a small backend server written in Go lang.



## Product Chief Architect

### Aurea Software

Sep 2018 - Apr 2020 (1 year 8 months)

Initially joined the organization as the C# .NET Chief Architect. Then has changed the position to the Product Chief Architect, which was the key technical role for a large Supply Chain software.

It required to be a core person that other teams were dependent on to improve the product.

Crated tasks and provided code reviews for the Software development team, wrote E2E tests, reviewed the work of the manual QA team, created tasks and provided code review for the Auto QA team, created architecture documentation, implemented DevOps role in the cloud infrastructures (AWS and Azure).

Prepared technical reports during Due Diligence process in the middle of acquiring multiple companies.

A broad range of technologies in the Microsoft stack: C#, ASP.NET, ASP.NET Core, Entity Framework, MS SQL Server, xUnit tests, NUnit tests, Azure CI Deploy, AWS Cloud hosting, and many more.

Reduced the infrastructure cost by several thousands of USD per month after finding dozens forgotten virtual machines that were created by the migration team in the custom cloud.



## C# .NET Chief Architect

### Aurea Software

Nov 2017 - Aug 2018 (10 months)

Implemented new features for multiple projects, including creation of a product installer on Windows OS.

Full-stack role with multiple technologies: C#.NET, WPF, WiX installer, ASP.NET, ASP.NET Core, REST API, Angular.JS, TypeScript.

## Full-stack Developer

### Sensing Cloud SpA

Jan 2016 - Oct 2017 (1 year 10 months)

Created web applications for Chilean startups, and a website for the non profit project to prevent Chilean forest fires.

Full stack role with variable technologies: AWS Lambda, Serverless, Node.JS, ReactJS, PHP, Jquery, Bootstrap, Shopify, MySQL, AWS DynamoDB.



## **Sustained Engineering Developer**

### **Readify**

Jun 2015 - Dec 2015 (7 months)

Improved and maintained applications for Australian clients with a variety of fields and technologies. A mobile application for truck drivers (C#, XAML, Xamarin Native), a brand website of a mining corporation (C#, ASP.NET, MS SQL Server), an application for a large insurance company (C#, Microsoft Silverlight, WCF, MS SQL Server), multiple web sites created with TypeScript, React.JS, Angular.JS, Node.JS, AWS and Azure cloud hosting.



## **Principal Software Developer**

### **T-Systems International**

Oct 2012 - May 2015 (2 years 8 months)

Created a brand new desktop application for the large Germany client in the automotive industry. The role included work on the frontend (Windows Presentation Framework/WPF, XAML), as well as on the backend (C# .NET services, WCF, MS SQL Server). The project was taken by almost 100 IT specialists seating in one building (software developers, DevOps, QA specialist, software architects, business analytics, designers, managers), it was one of the largest software teams in Europe working one project. The work included multiple business trips to Munich, Germany.

## **Technical Founder**

Jul 2013 - Dec 2014 (1 year 6 months)

With the goal to improve design and user experience in the IT industry opened the UK company called High Robotics LTD.

In collaboration with the hired designer developed new web applications for Chilean and Germany startups, as well improved User Experience for existing products.

One client intended to improve safety for mining workers by building a robot with wheels, camera and gas sensors. Our company made a research to design the best suited User Interface for a robot remote control. I programmed the realization in C#.NET and WPF. It was a real fun to play with a robot located in Chile across the globe.

To improve the software design created UI open sources projects: WPF/XAML controls with multiple style sets; SVG icon set compatible with Bootstrap.



## **C# Developer**

### **Cosmos Travel**

Nov 2010 - Oct 2012 (2 years)

Automated bus tours scheduling and tourists tracking by creating a desktop application (Windows Forms, C#, MS SQL Server and ADO.NET).  
Improved flight booking and tourists tracking for the Air tours department by creating a desktop application (C#, Windows Presentation Framework (WPF), MS SQL Server, LINQ and ADO.NET).  
Supported and improved the existing insurance web site written in C# (ASP.NET, JQuery, CSS, WCF, MS SQL Server and Microsoft Reporting Services).

## **Software Engineer**

Saint Petersburg State Institute of Psychology and Social Work

Mar 2010 - Oct 2010 (8 months)

Developed and supported IT projects for the Psychology institute. The main one included programming Microsoft Sharepoint MOSS 2007, an internal portal for digital workflows and document processing. It required a close collaboration with the dean and the head of IT department. Also extended the physical Ethernet network in a new building.



## **Teacher of the IT course**

Saint Petersburg State University

Sep 2009 - Jul 2010 (11 months)

Provided the introductory IT course for the Psychology and the Social department students in the Saint Petersburg State University. The course included basic computer structure, creating websites with pure HTML and CSS, visualization of XML data and T-SQL queries.

## **Information Technology Specialist**

Nevskie Shkafy

Mar 2008 - Mar 2010 (2 years 1 month)

Software developer role.

Programming the internet shop for the large wardrobe company with PHP and MySQL database.  
Migrated visual wardrobe configuration in the website from Macromedia Flash to Microsoft Silverlight C#.

IT administrator and help desk manager roles.

Supported clients and colleagues with IT tasks, maintained the fleet of computers, hardware and software installation/updates, extended physical Ethernet network through the organization offices, set up routers, switches, network and Microsoft Windows servers.

Sales and courier role.

Supported internet shop clients with wardrobe selection, delivered paper contracts to clients.

## **Junior Software Engineer**

SEO-promotion group

Jun 2007 - Mar 2008 (10 months)

Search engine optimizations for the multiple clients, improving ranks for search results in Google and Yandex websites. Variety of stacks: PHP, ASP Classic.

## **Education**



**Saint Petersburg State University**

Master, Math, Information technologies

2002 - 2008

## Licenses & Certifications



**MCSD: Web Applications** - Microsoft

Issued Nov 2016 - Expires Nov 2018

F895-6421



**MCSD: App Builder** - Microsoft

Issued Nov 2016 - Expires Nov 2018

F895-6422



**Umbraco 7** - Umbraco

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**Experimental Interaction Design** - ProfsoUX



**MCTS: .NET Framework 4, Windows Applications** - Microsoft

E301-7461



**MCTS: .NET Framework 4, Service Communication Applications** - Microsoft

D774-6968



**Saint Petersburg State University - Databases** - Coursera Course Certificates



**Yandex MIPT - C++ L1** - Coursera Course Certificates



**IBM - Introduction to NoSQL Databases** - Coursera Course Certificates



**Rice - Parallel, Concurrent, and Distributed Programming in Java** - Coursera Course Certificates



**EPFL - Functional Programming in Scala** - Coursera Course Certificates



**Intel - Fundamentals of Parallelism on Intel Architecture** - Coursera Course Certificates



**University of Michigan - Python for Everybody** - University of Michigan | Coursera



**University of Washington - Programming Languages** - University of Washington | Coursera



**Harvard - CS50 Edx** - Harvard University

**Google - Technical Support Fundamentals**



**Hebrew University - Nand2Tetris** - Coursera Course Certificates

**Blockchain Developer Bootcamp** - Dapp University  
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**A Complete Guide to Firebase on the Web** - Educative  
3YnZjkYyWmpS91Z5yoomxwFOA2mwEvqqEIZ



**A Deep Dive into React Hooks** - Educative  
Y5DgnB2Eo0pCp5rPyZogV7c2X9OYjZGGjhJ



**Artificial Intelligence Programme** - EITCA Academy  
EITCA/AI/SLJ23004692

## Skills

Machine Learning • Open AI • Prompt Engineering • GPT • .NET • C# • TypeScript • WPF • React.js • Next.js