

Igor Savchenko

Phone Contact: 0176 · 39 14 35 17
E-Mail: info@igor-savchenko.de
Homepage: www.igor-savchenko.de



Professional Experience

- 09/2020 - Present **Software Developer, Freelance**
Successfully implemented projects in the fields of logistics, automation, insurance, and banking, increasing efficiency and productivity.
Role: CTO, architect, and developer.
Technologies: Nodejs, NestJS, React, Typescript, SAP UI5, MongoDB
- 03/2019 - 09/2020 **Founder of touren-plan.de**
Innovative start-up for the automatic creation of optimized tour plans for outpatient nursing services.
Technologies: Data Mining, AWS, Python, SQL, Javascript, Nodejs
- 06/2017 - 03/2019 **Testo SE & Co. KGaA, Software Developer**
- Design, development and maintenance of cloud-based software solutions with the integration of mobile and stationary IoT hardware
 - Implementation of web user interfaces for different devices
- 07/2013 - 06/2017 **WeltN24 GmbH, Axel Springer SE, Software Developer**
- Development, design and architecture of new www.welt.de site
 - Development and organisation of first Data Mining projects
 - Creation of editorial publishing CMS
 - Organisation und Entwicklung die ersten Data Mining Projekten
 - Mentorship of junior team members
 - Development of distributed system and microservices with AWS and REST APIs.
 - Creation of web application with AngularJS or ReactJS
- 04/2010 - 07/2013 **Neofonie GmbH, Berlin**
Senior Frontend Developer
Key responsibilities:
- Production and maintenance of websites, web applications and user's interfaces
 - Definition of solution architecture within projects
 - Contribution to the company development standards in close collaboration with Technical Director Presentation of technical solutions for clients, the provision of innovative ideas, explanation of the suggested options.
- 02/2010 - 04/2010 **GOSUB GmbH, Berlin, freelance**
Created Flash-Website for Ferrero www.kinderriegel.de
- 11/2008 - 02/2010 **H,T,P, Concept, Berlin,**
Flash Developer, freelance
Creation of several Flash / Flex applications for market research systems: Image-collage, video conferencing between customers and video streaming for customer research, dashboards, schedule management, mind mapping.
- 07/2006 - 11/2008 **Cornelsen Publishing House, Berlin,**
Flash Developer, freelance
Key responsibilities:
- Creation of interactive Flash animations and simulations for eLearning system,

	<ul style="list-style-type: none"> • Development of screen designs and interfaces for various digital media, • Support of the production team in completion of learning content for a variety of educational products • Production of Flash-based screen presentations and interactive training simulations for high schools.
10/2004 - 07/2006	Berlocator GmbH, Berlin, Java Senior Developer Creation of a mathematical model for a custom navigation system and its implementation in Java.
09/2002 - 09/2004	Cornelsen Publishing House, Berlin eLearning Content Developer <ul style="list-style-type: none"> • Parameterization of learning pages for an e-learning system • Evaluation and correction of learning software • Assistance in the development of scripts.
10/2001 - 09/2002	Orenstein-Koppel AG, Berlin Java/Flash Developer <ul style="list-style-type: none"> • Development of a control unit for a construction machine • Creation of documentation and animation as an introduction to the operation of a machine.
05/1999 - 10/2001	Self-employment in timber export Timber trade, including pallets and their components, between Ukraine, Italy and Germany.
05/1998 - 05/1999	Raduga Ltd., Rovno, Ukraine · Sales Account Manager <ul style="list-style-type: none"> • development and maintenance of relationships with existing customers and the acquisition of new customers within the Ukrainian timber market • collection of market data, as well as maintenance of price, spare parts and supply files • Targeting and increasing sales of the full range of products with business customers in Western Europe. As a direct result of my work the revenue of firm doubled within a year.
11/1997 - 05/1998	SOEs Burschtin, Rovno, Ukraine · IT supervisor Job role included maintenance of IT network, installation of software according government standards and the support of new employees with house-software.

Education

10/2002 - 11/2008	Freie Universität, Berlin Diploma in Mathematics & Computer Science
09/1995 - 06/1999	National University of Ostroh Academy, Ukraine BA in Economics

Languages	English, German, Ukrainian, Russian
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Tech Skills

Languages	JavaScript, Java, Python, C#, ActionScript, MySQL
Tech stack Frontend	React, Typescript, jQuery, MaterialUI, Flash, SAP UI5
Tech stack Backend	Node.js, NestJs, GraphQL, MongoDB, Docker, Spring, AWS
Test Tools	Jest, Selenium, Cypress
Data Mining	scikit-learn, Deep Learning (caffe, CNTK, Digits), openCV, pandas
Other	Git, Design Patterns, Agile Development, TDD