

Iaroslav G. Zhbankov

Full Stack Developer

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Executive Summary

- Overall 7 years of engineering and academic experience in mechanical engineering
- Pivoting to expertise in JavaScript and Client-Server Applications Development
- Energetic and self-motivated engineer with a strong desire to build a career within the IT industry. Proactive and self-motivated team member. Motivated to drive the success, have a good organizational skills. Problem solving. High degree of learning skills. Ability of multitasking working under high pressure.

Technical Skills

Skill Category	Skill List
Programming languages	JavaScript (Es5, Es6), HTML, CSS, SASS
Technologies	jQuery, Backbone, AngularJs, ReactJs, RequireJs, NodeJs, D3.js, Chart.js, Express, Gulp
Database	MongoDB
OS	Windows
Tools	WebStorm, Terminal(cmd), Git, Npm, Waffle, Heroku, Trello
Verticals	Mechanical Engineering, Economy of Enterprises

Foreign Language Skills

Language	Written	Spoken
English	pre-Intermediate	Intermediate

Training Programs

Program Name: Front-End Development Certificate
Date(s) Attended: June 2016 - November 2016
Status: <https://www.freecodecamp.com/yzhsbankov/front-end-certification>
Provider: <https://www.freecodecamp.com/yzhsbankov>
Description: JavaScript Basics, HTML, CSS, Bootstrap, AJAX, jQuery, Algorithms

Program Name: Back-End Development Certificate
Date(s) Attended: November 2016 - January 2017
Status: <https://www.freecodecamp.com/yzhsbankov/back-end-certification>
Provider: <https://www.freecodecamp.com>
Description: NodeJs, npm, Express, Git, MongoDB

Program Name: Data Visualization Certification
Date(s) Attended: January 2017 - February 2017
Status: <https://www.freecodecamp.com/yzhsbankov/data-visualization-certification>
Provider: <https://www.freecodecamp.com>
Description: ReactJs, D3.js

Education

Institution: DSEA (Donbass State Engineering Academy), Ukraine
Date(s) Attended: September 2002 - June 2007
Qualification(s): Magister's degree in Mechanical Engineering

Institution: DSEA (Donbass State Engineering Academy), Ukraine
Date(s) Attended: September 2004 - May 2007
Qualification(s): Specialist's degree in Economy of Enterprises

Professional Experience

Company: Donbass State Engineering Academy (Kramatorsk, UA)

Duration: September 2007 – Present

Role: Associate Professor, Doctor of Technical Sciences

Project Description: Academic and research activities. Organization, maintenance and implementation of research projects. Concept development of new scientific directions. Management of research activities of PhD students. Management of research activities and documentation reporting. Design and creation of new technological solutions, and the documentation support on the protection of intellectual property rights. Participation / organization in international education projects and scientific conferences.

Responsibilities:

- Developing of the applied engineering software.
- Providing intellectual property rights protection activities (owner over 30 patents)
- Managing of research projects (5 governmental projects)
- Organisation and holding of international scientific conferences
- Participation in international EU projects (head of local team in 3 projects)
- System analysis in problem solving processes in the research activities
- Providing educational activities
- Providing research and development activities (over 100 publications in ukrainian and international journals)

Technologies: Visual Basic, MathCAD, AutoCAD, Kompas, SolidWorks, Inventor, Q-Form, Deform, Office.

Company: Europrofile (Kharkov, UA)

Duration: June 2014 – Present

Role: Engineer Designer

Project Description: Development of new engineering solutions in the field of mechanical engineering. Optimization of the processes and equipment for metalworking. Technical assistance of the projects. Performing the duties of project manager in the direction of the equipment, technologies and tools for metalworking. Participation in international exhibitions.

Responsibilities:

- Numerical analysis of strength characteristics of metal forming equipment
- Simulation of technological processes and equipment
- Optimization of technological processes and equipment
- Development of technical documentation

- Managing of research projects (2 projects)
- Technical support of productional processes
- Working with foreign customers and suppliers
- Working on international exhibitions

Technologies: Kompas, Deform, Q-Form