

## Objectives

Passionate for systematic and iterative procedures. High educability and deep knowledge of computer science makes me efficient in engineering and architecture that provides a logical flow of knowledge and progress.

## Experience

### 2021 – present Lead Back-End Engineer

Wormsoft Inc. @Moscow.Russia

Node, TypeScript, JsonSchema, OpenAPI, PostgreSQL, Jest, bash, Docker, GitLab CI, typedi, typeorm

- Stabilize and optimize system
- Share competences
- Implemented scheduled tasks service and webpush notifications

### 2020 – 2021 Senior FrontEnd Engineer

Deutsche Bank @Moscow.Russia

React, TypeScript, Jest, Cypress, Next.js, Sass, Protobuf

- Established and integrated unit and functional autotests to CI pipeline
- Implemented object-oriented diff viewer

### 2019 – 2020 Senior Fullstack Engineer

Cloudwise.io /\* *Cloud Management* \*/ @Netanya.Israel

JsonSchema, TypeScript, RESTful, bash, Node, Jest, Cypress, Puppeteer, Sass, HTML5, React, Redux, ExpressJs, MySQL, MongoDB, git, CSS3, JS DOM, Webpack, GitLab CI, Docker

- Implemented IDE-like graph builder web-tool
- Customers portal (full-stack)
- Created styling system for the company
- Built company's internal infrastructure
- Updated repositories structure for better usability

### 2018 – 2019 Lead Software Engineer

Go-Be Marketing Ltd /\* *ECommerce Company* \*/ @Tel-Aviv.Israel

JsonSchema, RESTful, Microservices, bash, HTML5, Next.js, React, Node, ExpressJs, MySQL, MongoDB, git, CSS3, Apache, PHP, jQuery, WordPress, Monolith, nginx

- Communications with outsourcers and supports, affiliates consultations. Fast solving internal operational issues
- Built API integration system with delegated configurations
- Legacy code solving
- Built websites and landing pages
- Establish Extreme programming ..., setup CI/CD pipelines

### 2015 – 2017 Software Engineer

Intetics Inc /\* *Out-staff company* \*/ @Kharkiv.Ukraine

Area9 /\* *SaaS company* \*/ @Copenhagen.Denmark

Reactive paradigm, Functional paradigm, Compilers, React, RxJs, TypeScript, JavaScript, Node, MySQL, <canvas>, Apache, PHP, Python, Haxe, nw.js, pixi.js

- Web client for media viewing with mobile optimizations
- Extended Compiler, Type system, Running platform and Build system of Proprietary programming language
- Backend service for PDF resources conversion and storage
- Implemented algorithm of specifications learning from examples for Programming by example system

### 2014 – 2015 Freelance Developer

Eikoncraft /\* *Outsource company* \*/ @Dallas.USA

JavaScript, Reactive paradigm

- Created internal timelog system

### 2008 – 2014 Co-Founder, Branch Manager

New Educational Initiatives Llc /\* *eLearning company* \*/ @Moscow.Russia

MySQL, JavaScript, C++, PHP, OpenCV

- Managing branch, hiring, and training staff eLearning production

## Competences

JsonSchema, TypeScript, bash, git, Jest, Cypress, MySQL, MongoDB, JavaScript, Node, ExpressJs, React, Next.js, HTML5, CSS3, Sass

*XP, TDD, Coverage 100%, SOLID, DRY, KISS, YAGNI, OOP-PBP, RESTful, Design by contract, Pure-CSS, BEM*

## Projects

### git-hooks-wrapper

Wrapper scripts for Git Hooks

bash, git

### postcss-d-ts

PostCSS plugin to generate '.d.ts' of all used CSS classes and ids in imported stylesheets

TypeScript, Node

### react-classnaming

Tools to establish CSS classes as an explicit abstraction layer and to handle it as an interface between React and CSSStyleDeclaration

TypeScript, ES6

## Certifications

### APIs and Microservices

ExpressJs, MongoDB, Microservices

### JavaScript Algorithms and Data Structures

ES6

*Algorithms and Data structures*

### Golden Award for the Palladium 2020 Challenge

JavaScript

*Algorithms and Data structures*

## Education

### 2012 – 2014 Master of Computer Science

Institute of Cybernetics @Kyiv.Ukraine

Institute of Physics and Technology @Moscow.Russia

*Software and Systems Engineering, Neural networks*

### 2006 – 2012 Bachelor of Applied Mathematics

Institute of Physics and Technology @Moscow.Russia

MySQL, C, C++, OpenMPI

*Programming language theory, Parallel programming, Databases, Algorithms and Data structures*

### 1996 – 2006 Awardee of international and republic Math olympiads

Physics and Mathematics Lyceum #27 @Kharkiv.Ukraine

*Discrete mathematics, Geometry*