

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, pixijs

- 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