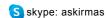
# אנדריי קירמס

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Senior Full Stack Engineer







## 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

### Cloudwize.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 LIc /\* eLearning company \*/ @Moscow.Russia MySQL, JavaScript, C++, PHP, OpenCV

. Managing branch hiring and training staff at earning 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

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

Physics and Mathematics Lyceum #27@Kharkiv.Ukraine Discrete mathematics, Geometry