

Andrii Kovalenko

Lead Software Engineer

Address: 3425 Lebon Dr San Diego, CA
Tel: +1 (858) 522 9263
Email: newjob4andrew@gmail.com
Personal site: andrewkovalenko.com



EXPERIENCE

12 years in software development, 4 years as a technical lead / software architect

TECHNICAL SKILLS

Languages: JavaScript, ES6/7, HTML5, CSS3, Less, SCSS, C#, Elixir, Ruby, Swift, SQL
Platforms: Node.js, .NET, iOS, Android
Frameworks: React, React Native, Redux, Flux, RxJs, Restify, Angular.js, HAPI, ASP.NET MVC, Apache Cordova, Entity Framework, Backbone.js, Knockout.js, jQuery
Tools: Webpack, Gulp, ESLint, XO, Ava, Jest, Mocha, Grunt, Yeoman, Git
Methodologies: Agile Scrum, Kanban, Waterfall

SUMMARY

Starting from my school years, I was highly interested in mathematics and physics. I showed good results in those disciplines but on an "Intro to computer science" class in a high school I found my real passion and made a final decision about my future profession. I started working on my degree in computer science 2002 as a student of National Aerospace University of Ukraine. I have got my bachelor's degree in 2006 and graduated as a **Master of Computer Science** in 2009. Programming is not only my job, it is also my hobby. I like to learn new tools and technologies but at the same time I pay a lot of attention to fundamental software design principles such as [SOLID](#), [DRY](#), [KISS](#) and [design patterns](#). On all projects I follow software architectural approaches such as [N-tier](#) or [CQRS](#), which in combination with "clean code" habits allows me to keep my software solutions well-structured, decoupled and easy-modifiable. I have a strong opinion that any framework requires a solid and deep understanding of programming language it is used with and software design problem it is intended to solve. That's why I invest a lot of my time in deep understanding of syntax and capabilities of every programming language I use. I always try to pay attention to performance of tools, syntactic constructions and design approaches I use which allows me to avoid a lot of "production stage" issues on early development stage. I like to be a mentor for junior team-mates and use [pair programming](#) approach for knowledge sharing.

WORK HISTORY

Intuit

December 2014 – now

Project: TurboTax Mobile (<https://mobile.turbotax.intuit.com>)
Role: Lead Software Engineer
Technologies: React Native, JavaScript / ES6, Jest, Swift, Java
Responsibilities: Led development of new user experiences, created technical design and architecture for new application modules, integrated React Native modules with native (Swift and Java) applications.

Project Fuego framework
Role: Senior Software Engineer
Technologies: React, React Native, HTML5, CSS3, JavaScript / ES6, Jest
Responsibilities: As a member of development team developed “semantic UI” framework for Web, iOS and Android platforms.

Project TurboTax Online (<https://turbotax.intuit.com>)
Role: Lead Software Engineer
Technologies: Node.js, Restify, React, Redux, HTML5, CSS3, JavaScript / ES6, Mocha
Responsibilities: Led development of new customer experiences, as a member of a development team participated in rewriting TurboTax using new internal platform, took active part in production support during tax season.

Tillster

May 2014 - December 2014

Project: Burger King Mobile App (<https://www.bk.com/app>)
Role: Lead Software Engineer
Technologies: Cordova, Angular.js, HTML5, CSS3, SCSS, Grunt, Yeoman
Responsibilities: Created technical design and architecture of a new platform for hybrid mobile applications. Created own architectural framework based on Angular.js, led development of new platform and applications based on it. Created infrastructure for continues integration and deployment.

UIT

September 2013 – January 2016

Project: Mobin Online
Role: Software Architect
Technologies: Node.js, HAPI, Angular.js, Gulp, HTML5, CSS3, Less
Responsibilities: Created technical design, architecture and led development team. Developed core functionality of the application.

Project: Mobin
Role: Software Architect
Technologies: Node.js, HAPI, Angular.js, Cordova, Gulp, HTML5, CSS3, Less
Responsibilities: Created technical design, architecture and led development team. Developed core application modules and own Cordova plugins for integration with third-party devices and geofencing API.

Project: Order tracker
Role: Software Architect
Technologies: Node.js, HAPI, Angular.js, Gulp, HTML5, CSS3, Less
Responsibilities: Led development of the application according to provided technical design. Communicated to customer.

CTI

June 2013 – April 2014

Project: PBS
Role: Senior Software Engineer
Technologies: ASP.NET MVC, HTML/CSS, JavaScript, Knockout.js, Sammy.js, Entity Framework, MS SQL, AutoFac dependency injection, AutoMapper
Responsibilities: Developed core features of the application, took active part in making technical design decisions, mentored teammates.

UA Rank

Nov 2010 – May 2013

Project: MMIT
Role: Lead Software Engineer
Technologies: ASP.NET MVC, HTML/CSS, JavaScript, Backbone.js, Dapper ORM, MS SQL, AutoFac dependency injection, AutoMapper, CQRS
Responsibilities: Took active part in development of internal CQRS framework, developed reporting and analytics modules, integrated project with payment systems.

Project: Social Putts (<https://socialputts.com/>)
Role: Lead Software Engineer
Technologies: ASP.NET MVC, HTML/CSS, JavaScript, Knockout.js, Entity Framework, MS SQL, AutoFac dependency injection, AutoMapper, N-tier
Responsibilities: Led development, developed architecture and acted as a team manager of this project.

Khartep

May 2008 – Oct 2010

Project: ESMS
Role: Software Engineer
Technologies: C++, WinForms, Oracle DBMS, Oracle RAC
Responsibilities: Worked as a software developer of a high-load, real-time automated management system of an Ukrainian electrical network.

TEC-3

Aug 2007 – Apr 2008

Project: WHeat
Role: Software Engineer
Technologies: C++/.NET C#, WinForms, Oracle DBMS
Responsibilities: Worked as a software developer of a real-time data analytics system for electrical generators management.

Freelancer on Elance / ODesk

Aug 2006 – Aug 2007

Project: Warehouse Management System
Role: Software Engineer
Technologies: C++, Delphi, WinForms, Paradox 7, FoxPro
Responsibilities: Worked as a software developer of a warehouse management and products tracking system.

EDUCATION

2002 – 2009
Specialty: Software development
Graduated as: Master of computer science