Yuriy Shapkin

Application Engineer, full stack ECMAScript development.

15+ years of software engineering and user interface experience, with strong analytical skills and a range of computer expertise.
Solution architect for the management systems, online learning, social networks.

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Technical kills

- ECMAScript (JavaScript), TypeScript, PHP
- Vue.js/Quasar/Vuetify, Svelte, Angular, React, Knockout, jQuery
- Nuxt.js, Webpack, Grunt, Gulp, Rollup
- Node.js, Express, Socket.io, JWT
- MongoDB, Elasticsearch, MySQL
- HTML, XML/XLT, CSS, LESS, SASS, Stylus
- Heroku, AWS Lambda, Apache, Tomcat
- Git, Docker/Compose, Gerrit, GitHub, NPM, SVN
- Jira, TargetProcess, Slack
- Photoshop, Illustrator, Flash

Experience

degree.me (2019-2021, AcademixDirect)

Application to find and contact the education institution using locations, programs and comparing college details. Modern waysto attract, engage and educate potential students by helping them connect their goals to the right educational path.
Role: Full Stack Engineer
Responsibilities: API and application architecture; integration with third-party services; user interface development; server-side coding
Team: 2 developers
Technologies: Vue.js, Quasar, SASS, Nuxt.js, Webpack, Node.js, Sails.js, JWT, Elasticsearch, Docker/Compose

aceagents.io (2020, AcademixDirect)

Administration system of AI-powered virtual agents.
Role: Front End Engineer
Responsibilities: UI/UX development
Team: 1 developer
Technologies: Vue.js, Vue CLI, Vuetify, SASS, JWT

degree.me/bot (2018, AcademixDirect)

PSER chatbot for Facebook.
Role: Back End Engineer
Responsibilities: integration with third-party services; server-side coding

Team: 1 developers
Technologies: Node.js, Facebook API, Gulp

axd.co (2013-2017, AcademixDirect)

Internal management system.
Role: Front End Engineer
Responsibilities: API and application architecture; UI/UX development
Team: 7 developers
Technologies: AngularJS, LESS, Webpack

axdapi.com (2011-2015, AcademixDirect)

Cross-device modular plugin for building UI forms by JSON-schema and communicating with API.
Role: JavaScript Developer, Team Lead
Responsibilities: plugin architecture and development; product documentation
Team: 3 developer
Technologies: JavaScript, JSONP, Webpack

plus3network.com (2010, Plus3Network)

Mobile, GPS-enhanced social network that connects people with corporate sponsors and worthwhile causes on a lasting journey of personal fitness and charitable giving.
Role: Web Developer
Responsibilities: Developing user interface, page markup and styling
Team: 5 developers
Technologies: JavaScript, Ajax, jQuery, HTML, CSS, Phyton. MySQL, PostgreSQL

mtv.ua (2009, MTV Media Network)

Online network for Ukrainian MTV media.
Role: Web Developer
Responsibilities: Developing user interface, page markup, server-side coding.
Team: 3 developers
Technologies: JavaScript, jQuery, HTML, CSS, PHP, Drupal, Apache

projectsolaris.eu (2008, Polish Academy of Sciences)

Online representation of Polish space project.
Role: Web Developer
Responsibilities: Developing user interface, page markup, server-side coding.
Team: 2 developer
Technologies: JavaScript, jQuery, HTML, CSS, PHP, Apache.

elearning-pto.gov.ua (2002-2008, Ministry of Education and Science of Ukraine)

E-learning system with lesson management, distance teacher and powerful testing modules for Ukrainian schools and colleges.
Role: Web Developer, UX Designer
Responsibilities: Developing user interface, page markup and styling
Team: 4 developers
Technologies: JavaScript, HTML, CSS, Java, XML, Tomcat

Education

Master's degree in Electronics Engineering, Kharkiv National University of Radio Electronics (1998-2003).
Graduate work: Distance Education system, winner of year graduate contest.
Two scientific works published.

Side projects

- Online stores like azature.com, sigma.ua, event schedulers like yogahouse.kharkov.ua, personal websites like andrewbrooke.com
- Electronic Devices: Micro-controller programming, PCB design.
- Network administration: Domain controller, Network topology, TCP/IP, Cisco IOS, Ericsson AXE10.
- Media production: Arrangement, announcer, sound mastering and video production.