

Aleksandr (Alex) Stepanov | Full-Stack Software Developer

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SUMMARY

I am a results-oriented, agile-driven Software Engineer, focused on UX design and end-users' needs in fast-paced and demanding environment. 5 years of Canadian and international software product management and technical sales experience, supplemented with petroleum engineering background, informs everything that I do: from my ability to adjust plans quickly to finding efficient, concise solutions for challenging problems, ensuring optimal outcomes for both product users and business growth.

TECHNICAL SKILLS

Languages: HTML | JavaScript | EJS | CSS | Python | SQL | VBA

Libraries and Frameworks: Node.js | Express | React | Next.js | jQuery | TypeScript | TailwindCSS | Bootstrap | Sequelize | OAuth 2.0 | Django | Fluent 2

Utilities: CLI | Git | GitHub | VS Code | Mongoose | MongoDB | PostgreSQL | Postman | openAI API | RESTful API | AWS | Chrome DevTools | Jira | Figma | Slack | Trello | Zoom | WITSML | WITS

Product Management: Agile Methodology | Software Development Lifecycle | Eliciting Requirements | Roadmaps | Agile Sprint Planning | Reviews & Metrics

RELEVANT EXPERIENCE

Route Finder | Solo Project (deployed, in progress)

Full-Stack Developer | 1 week | [Live](#) | [Github](#)

- The app assists users in submitting routing problems and subsequently visualizes the solutions on a map
- Built with JavaScript, REACT, TailwindCSS, Fluent 2, MongoDB, Mongoose, Express, Node.js, and Mapbox API
- The application leverages the new Mapbox Optimization v2 algorithm to retrieve routing problem solutions based on numerous inputs and constraints, and it displays them on the map

Theme Generator | Team Project

PM and Backend Developer | 1 week | [Live](#) | [Github](#)

- Enhanced by AI, the app generates and previews styles exclusively based on theme names and descriptions
- Built with JavaScript, EJS, CSS, MongoDB, Mongoose, Express, Node.js, Bootstrap, OpenAI, Passport
- The application leverages the OpenAI API to translate textual theme names and descriptions into JSON-like styles, which are then rendered onto the page. Google OAuth2.0 is implemented to authenticate user identities, determine permissions, and secure the routes

Video Poker | Solo Project

Web Developer | 1 week | [Live](#) | [Github](#)

- The game requires a player to achieve a hand of at least a pair of Jacks or a higher-ranking combination to win
- Built with HTML, CSS, JavaScript, and Bootstrap framework. It follows the MVC design architectural pattern
- UI faithfully replicates the graphics of real casino Video Poker and adapts seamlessly to various screen sizes

Solo Box & Solo WITSML Store | Rogii Canada Ltd.

Product Owner | 2 years | [Website](#)

- These two products aggregate and transmit well data from rig to office in real-time. Commercialized in 2021
 - Built with JavaScript, React, CSS, PostgreSQL, C#. Enhanced with Fluent Design System. Deployed on AWS
 - "Solo Box" leverages websocket data transmission to ensure minimal lag time. "Solo WITSML Store" complies with the Energistics WITSML 1.4.1.1 standard, which is broadly recognized in Oil & Gas Industry. The product also parses email attachments and connects with third-party rig data providers
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WORK EXPERIENCE

Software Product Owner

Calgary, AB

Rogii Canada Ltd.

2021 - 2023

- Launched and commercialized two software products in Canada, the USA, Australia, Latin America, and Kazakhstan
- Practiced the SCRUM Agile methodology through sprint planning, daily scrums, sprint reviews, sprint retrospectives
- Managed product roadmaps and backlogs of about 3,000 Jira issues for three independent teams consisting of ten developers, three QA specialists, one designer, and one business analyst
- Expressed requirements using user stories, story maps, and acceptance tests; visualized the requirements using wireframes and storyboards
- Ensured an accessible foundation by using Fluent's design system, which meets or surpasses WCAG 2.1 AA standards
- Formed a product support team consisting of four technical analysts and conducted ongoing evaluations of support tickets to gather feedback on the products
- Traveled to various locations, including rigs in the USA and Canada, to facilitate equipment installation

Technical Sales

Calgary, AB

Adaga Solutions, Ltd

2019 - 2021

- Promoted geosteering software, drilling analytics software, and WITSML server for Oil & Gas industry
- Finalized sales in Americas, collected the feedback on software products, determined business opportunities
- Performed troubleshooting, care about a customer (personal visits to customer sites, in-house training, online meetings, and telephone/email correspondence)

EDUCATION

General Assembly

Remote

Software Engineering Immersive

expected to be awarded in October 2023

- In this intensive 420-hour program at General Assembly's Bootcamp, I'm gaining hands-on experience in HTML5, CSS3, JavaScript, React, Node.js, Express, MongoDB. I honed my skills in responsive design, API integration, secure authentication, and Agile methodologies. This comprehensive program is fostering my collaboration, problem-solving, and critical thinking abilities while enabling me to build a professional portfolio of full-stack web applications

University of Alberta

Remote

Software Product Management Specialization

July 2023

- In this four-month specialization, I mastered Agile software management practices to lead a team of developers and interact with clients from inception to delivery. In the final Capstone Project, I practiced and applied management techniques to realistic scenarios related to software processes, requirements, planning, and improvements to create better software products

Southern Alberta Institute of Technology

Calgary, AB

Bachelor of Applied Technology in Petroleum Engineering

2017-2019

Honors / Entero Energy Software Award Winner

Heriot-Watt University

Edinburgh, UK

Master of Science in Petroleum Engineering

2011-2012

Honors