

Akbota Tursynkhan

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Experienced Software Engineer with a background in project management, skilled in optimizing front-end performance, automating workflows, and improving data handling. Proven ability to enhance user experience, reduce manual effort, and streamline processes through innovative solutions, cross-functional collaboration, and effective project oversight.

Work Experience

Full Stack Software Engineer, Metaphor LLP, Astana, Kazakhstan

Jul 2021 – Oct 2022

- Built and refactored front-end systems using React and Angular improving load time by 25% and making interfaces more intuitive for non-technical users.
- Transferred automation solutions to clients' personal use by building self-service tools, including creating intuitive UIs that allowed customers to manage and update their processes with minimal assistance.

Mar 2018 – Aug 2018

- Built new business processes on Camunda Engine, optimized CMS efficiency by refactoring business processes and execution.
- Supported existing business processes by fixing minor issues and optimizing data synchronization.

Front End Software Engineer, Kazakh National Space Center, Astana, Kazakhstan

Nov 2020 – Jun 2021

- Improved map rendering performance by 25% through tile caching and clustering techniques, enhancing load time and enabling smooth interaction with large datasets.
- Automated satellite imagery updates via a custom geospatial API integration pipeline, reducing manual effort by up to 30% and streamlining the process for frequent updates.

Full Stack Software Engineer, BI-Group, Astana, Kazakhstan

Aug 2018 – Mar 2020

- Reduced annual surplus material costs by up to 40% by automating procurement processes and improving material tracking and ordering accuracy.
- Implemented a real-time quality control module for 200+ projects, improving material inspection and reducing errors.
- Collaborated with the accounting team to design a microservices-based architecture to enable real-time data synchronization and enhance material supply chain efficiency

Project Manager, iBEC Systems LLC, Almaty, Kazakhstan

Jul 2017 – Feb 2018

- Led client meetings to gather requirements and develop comprehensive technical specifications.
- Collaborated with cross-functional teams (designers, front-end, and back-end engineers) to estimate project timelines and deliverables.
- Oversaw the management of ongoing projects, ensuring product support, addressing issues, and driving feature enhancements.

Education

Almaty University Of Power Engineering and Telecommunications, Bachelor of Science in Computer Science 2017

Moscow Power Engineering Institute (National Research University), Bachelor of Science in Economics 2017

Skills

Web Development: *RESTful APIs, Microservices, Front-End (ReactJS, VueJS, AngularJS), Back-End (Node.js, Express)*

Databases: *PostgreSQL, MongoDB, Firebase, PostgreSQL*

Tools & Technologies: *NPM, Docker, GitLab, CI/CD*

Other: *Geospatial Data Handling (QGIS, OpenLayers), Agile/Scrum, Jira, Confluence, Trello*

Volunteer Work

Zharyq Center Mentor

2021

- Developed a Career Orientation Course for high school students, covering the Basics of Back-End (e.g., databases, server-side logic, APIs) and Front-End Development (e.g., HTML, CSS, JavaScript, UI/UX design).