

# Alexey Sobolev

<https://lexer.dev> • [hello@lexer.dev](mailto:hello@lexer.dev) • [www.linkedin.com/in/sobolev1](https://www.linkedin.com/in/sobolev1) • <https://github.com/sobolev-alexey>

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## Senior Software Engineer

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Insightful, results-oriented IT professional with notable success working on a broad range of customer projects while participating in planning, analysis, and implementation of solutions in support of business objectives.

Hands-on experience leading all stages of frontend application development, including requirements definition, design, architecture, testing, and support.

Outstanding problem-solving skills. Excel in dynamic, demanding environments while remaining pragmatic and focused. Accustomed to performing in deadline-driven environments with an emphasis on working within time and budget requirements.

Highly skilled at providing comprehensive systems analysis and supporting project management.

## Areas of Expertise

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- Full-stack Application Development
- Cloud Microservices (AWS, Google Cloud)
- Blockchain Application Development
- Mobile Application Development
- Software Quality Optimization
- Software Architecture, Requirements Analysis

## Technical Proficiencies

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<b>Programming Languages:</b>	TypeScript, JavaScript, HTML5, CSS3, XML, GraphQL
<b>Libraries and Frameworks:</b>	React, NodeJS, Nest.JS, Express, NextJS, React Native
<b>Technical and Product Skills:</b>	Full-stack Development, Web Services, Mobile Application Development, Single Page Applications
<b>Agile Processes and Methods:</b>	Scrum, Kanban, XP, Pair-Programming
<b>Testing Tools:</b>	Cypress, Supertest, Jest, Enzyme, Chai, Jasmine
<b>Databases:</b>	MongoDB, NoSQL, PostgreSQL, MySQL, Prisma, DynamoDB
<b>CSS Preprocessors:</b>	SASS / SCSS, LESS, CSS
<b>Blockchain and Smart Contracts:</b>	Ethers.js, Hyperledger Fabric, IOTA Tangle
<b>Transport Formats, Protocols:</b>	JSON, REST, SOAP, HTTP, WebSockets
<b>Etc.:</b>	AWS, Google Cloud, Firebase, Docker, Git, GitLab

## Professional Experience

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**Lexer.dev** Remote

**Role: Lead Software Engineer, Contractor, Individual Contributor**, October 2022 - Present

Lead engineering teams, architect and develop highly scalable, stable, performant and resource-saving web-based applications used by thousands of users worldwide with services around online education and digital classrooms, mobility services, e-commerce, Web3 and crypto space.

### Recent projects:

- Online education platform (Architecture, Front-End, Back-End, Deployment, APIs)
- Crypto exchange directory (Front-End, Deployment, APIs)
- Online book store (Architecture, Front-End, Back-End, Deployment, APIs)
- Mobility service solution (Architecture, Front-End, Back-End, Deployment, APIs)
- Online quiz game (Architecture, Front-End, Back-End, Deployment, APIs)
- Personal portfolio website (Front-End, Deployment)

*continued...*

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**IOTA Foundation**, Berlin, Germany

**Role: Senior Software Engineer**, March 2018 - September 2022

Conceptualized, architected and implemented multiple customer-facing Proof-of-Concept applications using IOTA Tangle technology. Conducted workshops with clients online and on-site. Created documentation platform, application blueprints, write blog articles. Developed open-source libraries, published software packages to NPM. Supported with partner projects implementation. Created technical and functional specifications. Worked closely with management, developers, designers. Provided remote and on-site support for domestic and international customers.

**Key Achievements:**

- Authored numerous tools to support engineering operations
- Developed open-source client libraries and API blueprints
- Implemented Full-Stack Proof-of-Concept applications using IOTA and Hyperledger
- Provided technical guidance and coaching regarding the implementation and maintenance of solutions based on IOTA technology

**Raisin GmbH**, Berlin, Germany

**Role: Senior Software Engineer**, 2017 - Feb. 2018

Developed and implemented customer-facing frontend application for a new financial product. Ensured accurate specifications gathering to meet business requirements. Provided testing and ensured highest quality standards.

**Key Achievements:**

- Developed frontend application for new financial product: WeltInvest

**Signavio GmbH**, Berlin, Germany

**Role: Senior Frontend Developer**, 2017

Developed and implemented new customer-facing SaaS platform to present process analytics in an efficient way. Provided testing and ensured highest quality. Ensured accurate specifications gathering to meet business requirements.

**Key Achievements:**

- Developed new SaaS platform for process analytics: Process Intelligence

**Mobizcorp Europe Ltd.**, Berlin, Germany

**Role: Solution Architect**, 2014 - 2017

Created development and strategic plans, project documentation, and test cases. Coordinated developers to meet all project requirements. Identified and evaluated all critical systems. Provided remote and on-site support for domestic and international customers. Managed development of multiple international eCommerce projects in United States, Canada, and Germany.

Supervised overall planning, organizing, architecting, and integrating of all services prioritized in alignment with the client's expectations and business needs. Worked closely with management, developers, designers, QA-engineers. Conceptualized and created technical and functional specifications.

**Key Achievements:**

- Ensured optimal system architecture to facilitate the successful completion of implementations
- Provided analysis and recommendations to design decisions including architecture, integrations, customizations, impacts to scale and performance, rollout strategies and optimal use of features
- Supervised development teams working in multiple locations

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**Mobizcorp Europe Ltd.**, Berlin, Germany

**Role: Software Consultant eCommerce / Lead Software Developer**, 2011 - 2014

Promoted to lead a team of solution engineers to meet specific client requirements. Ensured accurate release testing for large eCommerce projects, providing final approval for bug-free, fully functional commercial solutions. Authored numerous tools to support engineering operations. Supervised daily activities of international engineering team. Served as primary contact point for technology-related questions. Developed and implemented frontend and backend eCommerce site functionality and web-service integrations.

**Key Achievements:**

- Developed, evaluated, documented, and advanced multiple payment and tracking integrations, data exchange methods and background processes
- Provided technical guidance and coaching regarding the implementation and maintenance of solutions based on coding best practices
- Ensured eCommerce site performance, implemented various optimization techniques
- Effectively maintained optimization to the code base
- Developed integrations with external service providers like PayPal, Cybersource, Taxware, Ogone

**Affinitas GmbH**, Berlin, Germany

**Role: Java Developer / Business Analyst**, 2010

Integrated quickly into six-person team tasked with investigating, recommending, planning, and implementing of internal platform for customer administration. Developed and implemented tools for data processing and transformation for BI department.

**Key Achievements:**

- Developed highly effective software application to enable customer care agents retrieve and modify profile information in real-time
- Completed comprehensive project three weeks ahead of schedule

**Nokia Siemens Networks**, Berlin, Germany

**Role: Database Analyst, intern**, 2009

Evaluated database performance, provided benchmarks and alternative solutions for critical components. Identified and proposed optimization affecting performance and scalability.

## Education and Certifications

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**Bachelor of Science in Software Engineering**

Hasso Plattner Institute, University of Potsdam, Germany (2006-2010)

Specialization: IT Systems Engineering

**Professional Certifications:**

- Certified IBM Blockchain Developer, 2019
- Certified Demandware Architect, 2015
- Certified Demandware Developer, 2012