

Alexandr Malasinschii

Software Engineer

Senior Software Engineer with **13+ years** of experience designing and delivering scalable web and cloud-native applications. Strong expertise in **React, Vue.js, TypeScript, Node.js, and Python**, with hands-on experience building distributed systems on **AWS**. Proven ability to **own architecture decisions**, deliver **production-ready systems**, and work directly with **stakeholders**. **Passionate** about mentoring and fostering inclusive engineering cultures. **Seeking** to leverage my **full-stack expertise and leadership skills** to drive impactful projects in a collaborative environment.

Location	Email	Phone	Website
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LinkedIn

<https://www.linkedin.com/in/alexandr-malasinschii>

Work experience



Devon Energy Jun 2024 - Present (1 year 9 months)

Senior Front-End Developer Full-time - Remote

- Architected and maintained large-scale Angular.js (1.x) applications with modular component structure and strict separation of concerns.
- Designed reusable, versioned UI component libraries to standardize design patterns across multiple internal applications.
- Implemented advanced geospatial mapping and 3D visualization solutions (WebGL-based libraries) to support well trajectory and drilling data rendering.
- Integrated RESTful APIs and real-time data streams for live drilling metrics, ensuring low-latency UI updates.
- Improved performance through digest cycle optimization, lazy loading, memoization strategies, and bundle size reduction.
- Collaborated with backend (Node.js / .NET) teams to define API contracts and optimize payload structures for high-volume engineering datasets.
- Applied enterprise-grade error handling, logging, and environment configuration strategies across staging and production systems.



Corva Jan 2021 - Jun 2024 (3 years 5 months)

Senior Front-End Developer Contract - Remote

- Developed enterprise-grade React.js + TypeScript applications for Corva's Oil & Gas App Store platform serving real-time drilling analytics.
- Designed and maintained a scalable shared UI component library with strict typing, reusable hooks, and design system alignment.
- Implemented high-frequency real-time data visualization using WebSockets and optimized rendering strategies for large datasets.
- Built advanced analytics dashboards with complex state management (Redux / Context API) and normalized data flows.
- Integrated charting and data visualization libraries for operational KPIs, telemetry streams, and drilling performance metrics.
- Improved rendering performance through memoization, virtualization (for large tables), and controlled re-render strategies.
- Worked closely with data engineering teams to structure APIs for efficient aggregation and frontend-friendly transformations.
- Contributed to CI/CD workflows, code reviews, and frontend architectural decisions across multiple production applications.



CuratedForYou Feb 2020 - Dec 2020 (10 months)

Middle Full-Stack Developer Full-time - Remote

- Led frontend architecture development using React.js, designing scalable SPA structure and reusable component abstractions.
- Implemented modern state management patterns and performance optimizations (code-splitting, lazy loading, memoization).
- Developed AI-powered features integrating backend ML services via REST APIs, enabling personalized user workflows.
- Built and maintained backend services (Node.js) supporting AI-driven recommendation logic and user data processing.
- Designed secure authentication and role-based access flows.
- Implemented responsive UI systems with maintainable CSS architecture.
- Ensured production stability through structured error handling, logging, and deployment workflows.



Self-Employed Feb 2019 - Feb 2020 (12 months)

Senior Frontend Developer / Senior Web & Mobile Developer Full-time - Remote

- Delivered dozens of web applications for customers across Europe as senior frontend and full-stack consultant.
- Designed and implemented scalable SPA and SSR applications using React and Vue.js.
- Built backend APIs with Node.js (Express) and Python (Django/Flask).
- Designed event-driven serverless systems using AWS Lambda, Kinesis, API Gateway, and DynamoDB.
- Architected cloud-native deployments using Docker and containerized environments.
- Integrated relational and NoSQL databases including PostgreSQL, MySQL, and Redis.
- Collaborated directly with stakeholders on technical design and feature planning.



FotoProfici.cz Feb 2017 - Jan 2019 (1 year 11 months)

Frontend Developer Full-time - Remote

- Led frontend architecture using Vue.js and Vuex.
- Integrated GraphQL APIs with Django backend and managed AWS S3 storage integrations.
- Worked in Docker-based environments.
- Supported mobile development integration using Flutter.



ZOOM International Feb 2015 - Sep 2017 (2 years 7 months)

Full-Stack Web Developer Contract - Remote

- Developed frontend interfaces using Vue.js and React.
- Built REST APIs using Node.js and Flask.
- Worked with PostgreSQL and Elasticsearch.
- Participated in cloud-based deployments.



AllPrint Ltd. Aug 2014 - Aug 2015 (12 months)

Full-Stack Web Developer Full-time - Remote

- Developed and maintained secure e-commerce platforms.
- Maintained Linux (Debian) servers.
- Provided IT consulting and system optimization.



Cartel Studio Ltd. Oct 2013 - Apr 2014 (6 months)

Full-Stack Web Developer Full-time - Remote

- Developed custom web applications.
- Handled testing, maintenance, and CMS integrations.



Education



University of Ludwig-Maximilians in Munich August 2013 - May 2017

Bachelor's in Computer Science - Recommendation Systems and Information retrieval



Skills

React | React Native | Vue.js | Vuex | Next.js | TypeScript | JavaScript (ES6+) | HTML5 | CSS3 | SCSS
Tailwind CSS | Material-UI | Ant Design

Node.js (Express) | Python (Django/Flask) | GraphQL (Apollo Server) | Serverless Framework | DynamoDB

AWS Lambda | AWS Kinesis | AWS DynamoDB | AWS API Gateway | AWS S3 | AWS CloudFormation | Docker
Docker Compose | Kubernetes | Terraform | Serverless Framework

PostgreSQL | MySQL | Redis | Elasticsearch

REST APIs | Microservices | Event-Driven Systems | Cloud-Native Applications