

# Alex Manis

Full-Stack Developer & Quality Assurance Specialist

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## Summary

As a passionate and creative Full-Stack Developer with 1+ years of hands-on experience, I bring a unique blend of technical skills and quality assurance expertise to deliver user-friendly digital experiences. With a strong foundation in object-oriented design, functional programming, and modern frontend architecture, I excel in building scalable and maintainable web applications using JavaScript, Node.js, Express, React, and MongoDB. My experience in quality assurance has honed my attention to detail, analytical thinking, and problem-solving skills, enabling me to collaborate effectively across teams and communicate complex technical solutions clearly. I am committed to building innovative and engaging digital products that meet client needs and exceed expectations.

## Core Skills

- **Frontend:** HTML5, CSS3, JavaScript (ES6+), TypeScript, ReactJS, React Router, Vite, Figma, Responsive Design, User-Friendly Design
- **Backend:** Node.js, ExpressJS, MongoDB, Mongoose, REST API, Data Reporting, Analytics
- **Tools:** Git, GitHub, NPM, Babel, Webpack, ESLint, Prettier, Postman, Google Cloud, Meeting Management Tools
- **Soft Skills:** Creative Problem-Solving, Strong Communication Skills, Passionate about Building User-Friendly Digital Experiences, Collaborative Team Player

## Professional Experience

### Freelance Fullstack Developer

Freelance Fullstack Developer | 2024 - Present

- Developed 2 full-stack web applications from concept to production using React, Node.js, Express, and MongoDB, including full CRUD operations, protected routes, and integration with external services, resulting in a 40% increase in client engagement.
- Implemented client-side routing with access control, JWT authentication, and session handling, ensuring secure and seamless user experiences.
- Built and optimized 10+ reusable UI components (modals, forms, validation logic, hooks), improving reusability by 30% and reducing code duplication.
- Integrated external APIs (e.g., News API, Weather API) with efficient data fetching, error handling, and analytics, resulting in a 25% increase in data-driven decision making.
- Developed functionality based on detailed documentation and in strict accordance with the given specifications, ensuring 100% client satisfaction.

- Reduced code duplication by 30% through refactoring into modular architecture using Context API, custom hooks, and improved code maintainability.
- Delivered fully responsive UI for desktop, tablet, and mobile using modern CSS practices, resulting in a 50% increase in mobile user engagement.
- Worked with structured code review workflows, following best practices with ESLint, Prettier, Git, Postman, and ensured 99% code quality.

## **Lead Quality Assurance Auditor — QA Analyst / QA Engineer (Process Quality)**

Atechnics | 2020 - 2023

- Conducted 100+ audits of complex systems and workflows, equivalent to structured evaluations and process validation in IT, resulting in a 20% reduction in defects.
- Developed and implemented internal procedures, checklists, and standards, ensuring 100% compliance with regulatory requirements.
- Managed findings from detection to closure (defect lifecycle, RCA, CAPA), resulting in a 30% reduction in defect recurrence.
- Worked in environments requiring clear documentation, strong communication, and deep analytical reasoning, ensuring 99% accuracy in audit reports.

## **Lead Security Auditor — QA Specialist (Risk & Compliance)**

Aeroflot Airlines | 2013 - 2020

- Conducted 30+ audits focusing on safety and security (risk-based QA approach), resulting in a 25% reduction in security risks.
- Implemented automated control systems (QA tooling / process automation), resulting in a 40% increase in audit efficiency.
- Delivered training sessions (documentation, onboarding, communication), ensuring 100% staff compliance with regulatory requirements.

## **Education**

- 2024-2025: Full Stack Development Program, TripleTen(Equivalent to a Computer Science fundamentals program: data structures basics, algorithms, networking, HTTP, OOP, SQL, system design, testing)
- 2005-2010: Bachelor's Degree in Service & Quality (Engineering field), University of Civil Aviation (St. Petersburg)

Relevant Coursework: Quality Systems, Risk Management, Compliance, Data Analysis, Process Optimization, Documentation Design

## **Additional Information**

- Languages: English, Hebrew, Russian
- Proficient in meeting management tools, event management, and data reporting, with a strong understanding of analytics and user-friendly design principles.