Nikita Kolos

Senior Front-End & Mobile Engineer
(React, TS, React Native, Node, AWS)

CONTACT INFORMATION

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SUMMARY

Senior Software Engineer with over **9 years** of experience in programming with **JavaScript / TypeScript** and **React.** Background in **Node.js** and **React Native**. Successfully delivered solutions for **Lufthansa, BMW, German Airways** and other notable clients. Built and optimized large-scale web and mobile apps, improved deployment pipelines for enterprise clients, reduced time-to market by integrating CI/CD best practices. Currently based in Munich (holder of a **Blue Card**, open to **EU/US** roles). I thrive on designing user-centric applications, crafting clean and scalable code, and tackling challenging engineering problems. Whether it's **FrontEnd, Full-Stack, Mobile** or **DevOps** tasks, I enjoy taking ownership and delivering real impact. Let's connect!

SKILLS

Front-End
- React
- Redux/TanStack/React Query
- Next.js
- Electron.js
- TypeScript
- JavaScript
- JSX
- Styled Components
- Tailwind
- i18n (localization)
- SCSS
- HTML
- CSS

Backend
- Node.js (Express/**NestJS**)
- Go (golang) (basic)
- Python (scripting)

Mobile Development
- React Native, Expo, Ionic
- Swift (basic)

Databases
- PostgreSQL
- MongoDB
- MySQL

Tools
- Jest, Playwright (Unit, E2E testing)
- AWS (EC2, S3, Lambda)
- Docker
- GitLab (CI/CD)
- TeamCity
- Elastic Stack (ELK)

PROFESSIONAL EXPERIENCE

Senior Software Engineer, *Cockpit-IT GmbH*

07.2023 – 03.2025
Munich, Germany

Key Projects:
smartOFP iPad app (Swift):
- Enhanced a flagship aviation app with new features, improving overall UX.
- Integrated external APIs (Leon, Skylegs) and internal endpoints (login, password recovery, journey logs, etc.), ensuring seamless data synchronization across multiple flight operators, crews and flights.

FlightViewer (React/TypeScript + Node.js):
- Built from scratch to manage profiles (operators, pilots), flight data (routes, fuel, crews) for 500+ active users and thousands of flights.
- Achieved lightning-fast performance **(LCP ~0.5s, CLS ~0.06)** on data-heavy pages (interactive maps, large tables, files preview).

Video streaming iPad App (Swift):
- Developed **video streaming, adaptive UI,** and **Picture-in-Picture mode;** successfully launched to production, receiving positive feedback for reliability and ease of use.

DevOps & Infrastructure:
- **Dockerized** core services, set up centralized logging **(ELK Stack)**, and wrote comprehensive docs, reducing deployment overhead and easing onboarding for devs.

Stack: React, TypeScript, Node.js, Swift, Docker, ELK, Metabase, Python.

Lead Software Developer, *Instinctools Company*

06.2018 – 10.2022

Key Projects: SpexAI **(IoT)**, Health Tracking **mobile App**, Taxi Company Project (NDA), Consulting Company Project (NDA)
Highlights:
- Designed and optimized a **high-traffic module for the homepage of a global ride hailing platform** with **~73 million** monthly visitors, enabling real-time route calculation and fare estimation.
- Designed Front-End **architecture, component libraries**, and **microservices** APIs (Node.js, Golang).
- Developed and optimized the Cardio Health Tracking mobile application using **React Native**, ensuring seamless cross-platform performance and high user engagement.
- Implemented **unit/e2e tests** (Jest, Playwright), load optimizations, and **continuous integration** (GitLab CI).
- **Mentored** juniors, conducted **technical interviews**, and improved workflow documentation.

Stack: React, Redux, React Native, Node.js, Golang, PostgreSQL, AWS, Google API, D3, Styled Components, Fusion JS, Rest/Microservices, Jest, Playwright, Gitlab CI/CD, Docker, Power BI, Tableau, Mainflux, Expo.

Software Developer, *HiQo Solutions, Inc.*

07.2016 – 06.2018

Key Projects: Ashton Woods, Starlight Homes, Douglas Stewart, Wildcats, Oldcastle
Highlights:
- Developed and optimized the website for **Ashton Woods**, serving over **147,000 monthly visitors**, improving page load speed by **70%** and reducing bounce rates through **SEO** and performance enhancements.
- Built responsive and accessible UI using **React, Redux, SCSS,** ensuring seamless navigation across desktop and mobile devices.
- Integrated dynamic property search, **Google Maps,** and CMS platforms (Drupal, WordPress) to enhance user engagement and streamline content updates.
- Resolved critical bugs and optimized application stability.
- Reviewed code to uphold quality standards.

Stack: React, Redux, React Native, Angular, Ionic, Google API, Webpack, Rest API, SCSS, Kendo UI, Bootstrap, Wordpress.

EDUCATION

Bachelor's Degree in Radiophysics
Belarusian State University
2009 – 2014 | Minsk, Belarus

LANGUAGES

- **English**: Fluent (C1) - Daily use in professional settings
- **German**: Elementary (A1)
- **Belarusian**: Native
- **Russian**: Native

SOFT SKILLS

- Leadership and Team Management
- Mentorship and Knowledge Sharing
- Project Assessment and Estimation
- Sprint Planning and Agile Collaboration
- Code Review and Quality Assurance
- Effective Communication and Cross-Team Collaboration
- Problem-Solving and Critical Thinking
- Time Management and Prioritization