

## Contact

+79772776131 (Mobile)  
dmitry.malykhin.job@gmail.com

[www.linkedin.com/in/dmitry-malykhin](https://www.linkedin.com/in/dmitry-malykhin) (LinkedIn)

## Top Skills

React.js  
TypeScript  
Zustand

## Languages

Russian (Native or Bilingual)  
English (Professional Working)

## Certifications

English Proficiency Certificate  
Verified International Academic Qualifications

# Dmitry Malykhin

Frontend Developer | Software Engineer | React | Typescript | Javascript  
Dubai, United Arab Emirates

## Summary

Frontend Developer with 3+ years of experience in React, TypeScript, and performance optimization. I build fast, engaging, and scalable web applications that enhance user experience and drive conversions.

### What I Bring:

- ✓# Performance-Driven Development – Cut load times by 68% and improved conversion rates with optimized UI/UX.
- ✓# Scalable Frontend Architecture – Built reusable React components, reducing feature delivery time by 30%.
- ✓# Strong Tech Stack – React, TypeScript, Redux Toolkit, WebSockets, Jest, Material UI, Ant Design.

I'm passionate about building seamless, high-performance interfaces that make digital experiences effortless. Every millisecond of load time matters, and I love optimizing for both speed and usability.

### Let's Connect!

Looking for opportunities where frontend excellence meets innovation. Open to discussions!

Email: [dmitry.malykhin.job@gmail.com](mailto:dmitry.malykhin.job@gmail.com)

Telegram: @mitrich83

---

## Experience

### GloryTech

Frontend Developer

November 2021 - Present (3 years 10 months)

Dubai, United Arab Emirates

#### Extensive Front-End Experience

Over 3 years specializing in React, Redux, and TypeScript, consistently delivering robust and maintainable code. Adept at collaborating with cross-functional teams, ensuring seamless handoffs and efficient project completion.

- Optimized applications by achieving a 32% improvement in loading speed, converting images from PNG to WebP and hosting them on an AWS server with CDN, as well as converting the font format from TTF to WOFF 2.0.
- Migrated landing pages to Astro, replacing React components to deliver pre-built localized HTML. This reduced page load times from 3-4 seconds to 300ms, enhancing performance and user satisfaction globally for multi-geo markets.
- Improved scalability and maintainability by creating standalone repositories for landing pages, reducing update deployment time by 40% and enabling seamless localization across 10+ international markets.
- Replaced Redux Toolkit with Zustand, simplifying state management, reducing boilerplate code by 15%, and improving development efficiency by 25%.
- Implemented Jest tests covering 57% of the web application, leading to a 15% reduction in development errors.
- Increased conversion rates by 68% by developing visually engaging "Wheel of Fortune" landing pages with dynamic animations, optimized for multiple international markets.
- Progressed from junior front-end developer to mid-level developer within the company in just one year.
- Converted code from Javascript to Typescript, which reduced the search for errors in the code by 20%
- Achieved a 5% reduction in application package size through code refactoring, leveraging reusable components.

## PROGRESSTECH-UKRAINE

14 years 9 months

Manufacturing Engineer, Interiors (777X) | The Boeing Design Center (BDC)

March 2021 - November 2021 (9 months)

Moscow, Russia

Problem: Needed accurate and up-to-date installation plans for interior assemblies (galley, closet, crew rest, insulation, ceiling, stowbins, sidewall).

Solution & Actions:

- Created and updated installation plans based on technical data.
- Converted existing manual-cert plans to auto-cert.
- Performed plan inspections to ensure compliance.

Result: Reduced assembly time on the production floor by providing precise, automated instructions for interior component installation.

Manufacturing Engineer, Fabrication (777/Auburn) | The Boeing Design Center (BDC)

October 2020 - March 2021 (6 months)

Moscow, Russia

Problem: Fabrication shop required up-to-date detail plans for manufacturing parts according to new standards.

Solution & Actions:

- Created and updated detail manufacturing plans to align with technical specifications.
- Revised notes and tolerances to meet Boeing standards.

Result: Improved consistency and accuracy of fabrication processes, reducing rework and scrap rates.

Design Engineer, Sub-Components (777/787) | The Boeing Design Center (BDC)

January 2020 - October 2020 (10 months)

Moscow, Russia

Problem: Supplier-provided parts (e.g., hatch locks) were experiencing frequent failures in service; needed updated 3D models/drawings to increase reliability.

Solution & Actions:

- Led a structural design project to redesign floor hatch locks for 777-200/-300 and 787-8/-9/-10.
- Analyzed supplier data, selected materials, and coordinated final geometry with Stress, Service, and ME teams.
- Adjusted tolerances via Variation Risk analyses to extend lock service life without cost increase.

Result: Delivered more robust locks that significantly reduced in-service failures and improved overall aircraft reliability.

Manufacturing Engineer, Fuselage (777-200/-300/-9) | The Boeing Design Center (BDC)

February 2019 - December 2019 (11 months)

Moscow, Russia

Problem: Installation plans contained outdated notes and references, causing assembly confusion and potential delays.

Solution & Actions:

- Updated installation plans for fuselage build processes.
- Verified correctness of notes, sheets, zones, and performed MPQ audits.

Result: Enhanced clarity and reliability of assembly instructions, cutting down on production stops due to document errors.

### Tooling Engineer (737, 747, 767, 777) | The Boeing Design Center (BDC)

July 2018 - February 2019 (8 months)

Moscow, Russia

Problem: Paper-based tooling drawings for parts/assemblies were obsolete, slowing production and complicating procurement.

Solution & Actions:

- Digitized old paper drawings into 3D CATIA models.
- Provided updated drawings conforming to Boeing standards.
- Proposed alternative suppliers for manufacturing critical tooling components.

Result: Minimized production downtime by modernizing tooling data, improving parts ordering efficiency.

### Manufacturing Engineer, Fuselage (777X) | The Boeing Design Center (BDC)

December 2017 - July 2018 (8 months)

Moscow, Russia

Problem: Detail manufacturing plans for fuselage sections (Sec.43, Sec.46, Empennage, Wing) needed updates for new 777X specs.

Solution & Actions:

- Created and revised detail plans, notes, and tolerances.
- Investigated shop-floor feedback on assembly issues and corrected root-cause errors.

Result: Enhanced build quality and reduced operator confusion, leading to improved workflow and fewer rework incidents.

### Tooling Engineer (737, 747, 767, 777) | The Boeing Design Center (BDC)

July 2015 - December 2017 (2 years 6 months)

Moscow, Russia

Problem: Required new or modified standard tooling (ST) and docking fixtures to support expansions in production rates.

Solution & Actions:

- Designed 3D tooling solutions (drilling tools, large stocks for fuselage docking).
- Created detailed drawings per Boeing standards.
- Led the IRC (luggage racks) project:
- Scoped tasks from U.S. team, estimated timelines, and provided ongoing mentoring to junior engineers.
- Verified all deliverables met Boeing requirements before on-time delivery.

Result: Introduced cost-efficient, production-ready tooling solutions, enabling smoother fuselage assembly and on-schedule deliveries.

## Design Engineer (747-400, 747-8F, 747-8I) | The Boeing Design Center (BDC)

March 2007 - July 2015 (8 years 5 months)

Moscow, Russia

Problem: Ongoing factory design issues and discrepancies in fuselage sections (42, 44, 46, 49) led to production slowdowns and extra cost.

Solution & Actions:

- Investigated/Resolved design issues arising during production (CARs, ECR/ELRs).
- Revised 3D/2D CATIA V4/V5 datasets for skins, shear-ties, stringers, ribs, frames, and bulkheads.
- Coordinated with Everett teams (Tooling, Mechanics, Liaison, and Manufacturing) to expedite solutions.
- Mentored junior designers, checked work packages, and ensured timely engineering release.

Result: Improved the manufacturability of critical fuselage structures, reduced cost, and received commendations from the American team for significant contributions to the 747 program.

---

## Education

### Taganrog State Radio Technical University

Master's degree, Aircraft and Helicopter construction · (September 2000 - June 2006)

### OTUS Онлайн-образование

JavaScript Developer. Professional , Node.js, SQL, PostgreSQL, Express, Vite, Webpack, PWA, BDD, Angular, Vue · (June 2023 - February 2024)

### IT-INCUBATOR

Front-end developer · (June 2021 - October 2021)