

# Mike A.

## Senior Front-End (React) Software Engineer

### SUMMARY

- 8+ years of experience with JavaScript (React, Node.js);
- React, Redux and TypeScript for front-end and NodeJS (NestJS, Express, SocketIO, TCP Sockets) for back-end;
- Upper-intermediate English;
- Available ASAP

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	JavaScript (8 yr.), React, Node.js
<b>Programming Languages</b>	JavaScript (8 yr.), TypeScript
<b>UI Frameworks, Libraries, and Browsers</b>	Bootstrap 3, CSS, CSS animation, HTML, jQuery, LESS, SASS, Socket.io, Styled components
<b>JavaScript Frameworks</b>	Express, jQuery, Koa.js, NestJS, Next.js, Node.js, React, Vue.js
<b>JavaScript Libraries and Tools</b>	Koa.js, Mongoose, React Hooks, React-Saga, React Thunk, Redux, Redux-Saga, Redux Thunk, Redux-toolkit, Reselect, Styled components, Vuex
<b>Databases &amp; Management Systems / ORM</b>	AWS ElasticSearch, Firebase, Microsoft SQL Server, MongoDB, MySQL, PostgreSQL, Redis, Sequelize, SQLite, Typeorm
<b>Amazon Web Services</b>	AWS EC2, AWS ElasticSearch, AWS S3
<b>UI/UX/Wireframing</b>	Adobe Illustrator, Adobe Photoshop, Avocode, Figma, Sketch
<b>Virtualization, Containers and Orchestration</b>	Docker
<b>Platforms</b>	Firebase
<b>Operating Systems</b>	Linux
<b>SDK / API and Integrations</b>	RESTful API



<b>Methodologies, Paradigms and Patterns</b>	SSR
<b>Mail / Network Protocols / Data transfer</b>	TCP Socket, WebRTC, WebSockets
<b>QA, Test Automation, Security</b>	Zeplin
<b>Other Technical Skills</b>	kron, selectors, Skeleton, SVG, SVG animation

## WORK EXPERIENCE

### PowerStar

6 months

**Description:** The company has several B2B products. Mostly, they are related to counting: - electric power, OEE scores of some industrial machines and provide detailed statistics and calculations as a summary.

**Responsibility:**

- NodeJS (NestJS, Express, SocketIO, TCP Sockets)
- Frontend (React, Redux, React-hook, TypeScript)
- Microsoft SQL, SQLite,

**My contribution:** I was involved in combining several small projects written in different languages, frameworks into one main one, on react and nestJS. I've prepared a basic set of re-used components for other team members, in order to minimize the time needed to create each new page. And also some of the main routes and requests for the backend.

**Tech stack:**

- NodeJS (NestJS, Express, TypeORM, Objection/Knex, SocketIO, TCP Sockets)
- Frontend (AngularJS, Angular, React)
- Go (fasthttp, ARM)
- Python/BASH to automate builds, deploying, tests
- Flutter (mobile application as a part of our services for customers)
- DevOps (Windows Server, Linux server, Docker, Dokku, Monitoring (Prometheus, Grafana), Heroku, EC2)
- Java (Spring Boot)
- PostgreSQL, Microsoft SQL, SQLite, MongoDB
- Raspberry PI (Raspbian, I2C external integrations, kiosk mode, GPIO)

### GoFort

4 months

**Description:** The company presents a b2b solution for transportation of cars using cargo trucks in the United States. This product is used in a number of dispatch offices, where new drivers are received, registered as a carrier of the company, tracking the current driver's position online and searching for optimal routes and nearby orders, relative to his current path.

**Responsibility:**

- Frontend (React, Redux, React-thunk)

**My contribution:** I laid the foundation for the architecture of the application and did



all the development on the front until its release. I also saved the client's money by offering to switch from google map to a free leaflet, as an option to track cars on a map in real time.

**Tech stack:**

- PHP (symfony)- Frontend (React, Redux, React-thunk)
- MySQL,
- TCP Socket

**Sourcingbot**

8 months

**Description:** This application is an aggregator of electronic parts. A risk management platform for OEM (Original equipment manufacturers) to manage their sourcing process better.

SourcingBot offers a state of the art component search experience. Users can search over 12 million part numbers from over 300 different electronic component manufacturers as well as custom design and search what is available for your design constraints needs.

**Responsibility:**

- NodeJS (Express, Koajs)
- Frontend (React, NextJS, Redux, React-saga)

**My contribution:** I was refactoring existing code and moving the project from react to next.js. I have improved performance, metrics and SEO for indexing. At the end of my work on this project, the application started loading several times faster and the user had a more pleasant system response than before.

**Tech stack:**

- NodeJS (Express, Koajs, TCP Sockets)
- Frontend (React, NextJS, Redux, React-saga)
- Redis, elasticsearch,
- PostgreSQL, mongoDB
- based on AWS EC2

**Reinforce**

4 months

**Description:** A service that allows companies to create ways to improve the quality of work of their employees and teams by setting goals (roads goal). The tasks open on different days, depending on the tasks and initial settings. The project is implemented on all platforms (iOs, Android, Web)

**Responsibility:**

- NodeJS (Express, Koajs, Sequelize, kron)
- Frontend (React, Redux, React-saga, SVG animation, selectors)
- Managing team that include web, iOs and android developers
- Calls with the client and shaping sketchy thoughts into logic that I could convey to the team
- Working with push notifications

**My contribution:** I was engaged in creating an admin panel to manage all parts of the application, and searching for optimal solutions for current tasks.

**Tech stack:**

- NodeJS (Express, Koajs, Sequelize, kron)
- Frontend (React, Redux, React-saga, SVG animation, selectors)
- DevOps (Linux server, Docker, Dokku, EC2)
- PostgreSQL



## Scout

1 year

**Description:** Application for finding candidates in the IT field. With the mailing of the top three at the time indicated by the seeker and under narrow selection criteria. Possibility to add candidates via PDF, CSV or LinkedIn. The rating system of candidates and the ability to create teams with them.

**Responsibility:**

- Node JS (Express, Koa JS, Sequelize, kron)
- Frontend (React, Redux, React-thunk)

**My contribution:** My tasks included supporting an already completed project, adding new features. As well as redesign of the entire project and refactoring of complex parts of the code. At the end of the work, the search for candidates began to work much faster, and the UI became more responsive to the user.

**Tech stack:**

- Node JS (Express, Koa JS, Sequelize, kron)
- Frontend (React, Redux, React-saga, SVG animation, selectors)
- DevOps (Linux server, Docker, Dokku, EC2)
- PostgreSQL

## FarmaTrace

3 months

**Description:** A German startup associated with creation, transportation and quality control of pharmaceuticals. As well as product reviews and the ability to recall specific series or shipments.

**Responsibility:**

- creating architecture
- setup base frontend environment
- working with the CTO to understand business logic and give best issues solving

**My contribution:** My main priorities were to design the architecture of single page applications, research & development to find the best way of solving complex issues, prepare project to work with other members at frontend team

**Tech stack:**

- Java(Spring)
- React(React-saga, redux, styled-component, typescript, re-select)
- RabbitMQ
- ElasticSearch
- Docker

## EDUCATION

### V. N. Karazin Kharkiv National University Computer Engineering

2008—2012

## CERTIFICATES

### HTML & CSS basic course

03/26 - 04/27 2015

### JavaScript basic course

03/22 - 05/04 2016



