

DENYS MAKAROV

FULL-STACK DEVELOPER WITH 6+ YEARS OF EXPERIENCE:

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SUMMARY:

- Proficient in utilizing both **JavaScript** and **TypeScript** to develop scalable and efficient solutions, with a focus on creating responsive, interactive user interfaces using **SASS, SCSS**
 - Experienced **React** and **Redux / MobX** Developer: Proficient in building high-quality web applications using React.js and Redux, with extensive knowledge of state management, component hierarchy, and virtual DOM.
 - **Node.js** and **Express.js** proficiency: Experienced in building server-side applications using Node.js and Express, with knowledge of server-side rendering, RESTful API development, and database integration.
 - **Google Maps API**: Proficient in utilizing the Google Maps API to develop location-based functionalities, including mapping, geolocation, and geocoding.
 - **Forms Development**: Skilled in building forms for capturing user input and data, with experience in form validation, submission, and data storage, including database integration.
 - Experienced in working with both **SQL (Postgresql, MySql)** and **NoSQL (MongoDb)** databases, with knowledge of database design, management, and optimization.
 - **AWS Expertise**: Working with AWS Amplify, EC-2, RDS to build web applications with serverless architecture, cloud functions, and authentication.
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SKILLS:

Frontend: JavaScript, React (Hooks, React-Router), TypeScript, HTML, SCSS, JSON, REST, ES6, Redux (Thunk, Saga), Next.js, MobX, Webpack, NPM, Bootstrap, Material-ui, Handlebars

Backend: Node.js, Express, Sequelize, Mongoose, GraphQL, JWT, Java, Stream API, Java Collection, Multithreading, Maven, Project, Lombok, Jackson, Spring Boot (JDBC, Data JPA), Hibernate, WebSocket,

IDE: IntelliJ IDEA, IntelliJ WebStorm, Eclipse, Visual Studio Code

Data Bases: SQL, MySQL, PostgreSQL, H2, MongoDB, Vertica

QA tools: JUnit, Jest, Swagger, Postman, DBeaver

Tools / Tech: GitHub, Slack, Docker, Firebase, ClickUp, Tableau, AWS, CI/CD

EXPERIENCE:

Full-Stack Engineer, EPAM, 03/2022 - now

*project: **ArionFund** (real-estate, financing and loan origination to build the best possible solutions) responsibility:*

- took charge of the project's architecture and client interfaces from the outset, leveraging **React JS**, and **Redux** technologies
- developed and maintained complex applications, implemented location-based features, integrated **Google Maps API**, **google-maps-view**, **google-autocomplete**, collaborated with a team to create responsive mapping applications, optimized performance, conducted testing.
- integrate, modify, and test interfaces for optimal user experience.

- designed a dedicated library based on **React.js** to generate dynamic table interfaces for the project, resulting in a time savings of over 10% during development.
- developed custom functions to analyze incoming data and generated intuitive **diagrams and charts** for visualizing the results by using different libraries as **React2Chat**.
- created and integrated a React.js-based calendar in interfaces.
- Developed mobile and tablet designs based on the desktop design, ensuring a consistent user experience across all devices using **SASS**
- implemented user authentication and authorization using JSON Web Tokens (**JWT**)
- Created custom form components such as range, checkbox, **datepicker**, input with prefix-postfix, and file input using Tailwind, Styled component, **SASS**

project: **BigId** (software company that provides a data intelligence platform)
responsibility:

- connector development for Drop Box using drop-box-api based on Java Core
- implementing thorough test cases using **JUnit**

tools: JavaScript, React, Redux (Saga) / MobX, Sequelize, JWT, SASS, Google-maps-api, Material-ui, ReactChats, PostgreSQL, Jest, Node.js, Express, google-autocomplete, Sequalize, ReactDatePicker

Full-Stack Developer, Inetex LTD, 03/2021 - 03/2022

project: **CV-Bank** (resume-related startup)
responsibility:

- spearheaded the creation of the front-end architecture for the module, utilizing **TS**, **React JS**, and **Redux** technologies to deliver a seamless user experience, while also developing and implementing thorough test cases using **Jest**.
- took charge of the project's back-end architecture and client interface from the outset, designing and developing distinct architecture modules using **Node.js** and the **Express.js** framework to ensure optimal performance and scalability.
- created architecture of the **PostgreSQL** database
- implemented a form constructor based on **Material-UI** components.
- developed **RESTful** APIs to handle data requests and responses

project: **CarRental** (renting a vehicle, typically for a short or long period)
responsibility:

- developed and maintained web applications using **React JS**, **TypeScript**, and **Redux** for state management
- integrated back-end services using Java and Spring Boot to provide RESTful APIs for front-end consumption
- designed and developed relational database schemas using Postgres to store application data
- integrate, modify, and test interfaces for optimal user experience.
- developed **RESTful** APIs to handle data requests and responses

tools: TypeScript, React.js, Redux (Saga), MobX, MongoDB, Node.js, Express, Mongoose, Java, Spring-Boot, Spring Security, SQL, Jest, Tomcat, Data JPA, Spring Web, JUnit, Bootstrap, MongoDB, Scss, Less

Full-Stack / Front-End developer, Elephant-IT, 05/2017 - 02/2021

project: **MagicSlider** (slider - library UI)
responsibility:

- designed a separate library (**JavaScript**, **SCSS**) to create unique slider interfaces for the company, which saved time and increased the company's income in many projects
- create architecture and design in collaboration with client

- deployment the project on different marketplaces

project: **HeavyTools** (renting heavy vehicles or equipment for farms industry)

responsibility:

- migrated the JavaScript and PHP project in Node.js, delivering a significant speed improvement of 10% - 30%.
- develop, integrate, modify and test clients' sides (**React**) and servers' (**Node.js**) of the application
- create Web site architecture and design in collaboration with designers or clients
- monitor and maintain Web site functionality and security
- Created and integrated a React.js-based calendar component into the customer's UI library
- implementing thorough test cases using **Jest**

project: **E-store** (retail e-store that sells various types of footwear, including sneakers, boots...)

responsibility:

- designed and developed server-side web applications using **Node.js** and **Express** framework
- integrated the **Handlebars** templating engine to create dynamic and reusable web pages
- utilized **MongoDB** to store and retrieve application data
- implemented user authentication and authorization using passport.js and JSON Web Tokens (**JWTs**)
- developed **RESTful** APIs to handle data requests and responses
- implemented responsive and intuitive user interfaces using SCSS and other front-end frameworks
- optimized application performance and scalability using best practices and techniques
- documented development processes and provided technical support to colleagues and clients on the implementation of the technologies involved in the project.
- Developed mobile and tablet designs based on the desktop design, ensuring a consistent user experience across all devices using **SASS**
- Developed login and registration pages with email and password validation (including checking if email is already used and if the user has used the password before). Also created a reset password page with **Regex** validation.

tools: Node.js (Express), JavaScript (React, Redux), TypeScript, Handlebars, Sass, Less, Webpack, PostgreSQL, MongoDB, JWT, Next.js

Installing software and computer hardware engineer, Elephant-Digital Power, 07/2011 - 05/2017

responsibility:

- Establishing and testing computer components, inspecting and providing design support during the manufacturing, installation and implementation of computer hardware.

ACHIEVEMENTS:

- developed a separate library to create unique slider interfaces for the company, which saved time and increased the company's income in many projects
- developed a micro-library to create unique dynamic tables components for the defined project, which saved a lot of time during development more then 10%
- migrated the JavaScript and PHP project in **Node.js**, delivering a significant speed improvement of 10% - 30%.
- Streamlined the code base by eliminating dead code and obsolete CSS/SASS modules. As a result, removed a few thousand lines of not needed code.

EDUCATION:

- Master degree Dnipro University of Technology
- Special program for software developers' adaptation in accordance with IT technologies by Ministry of Absorption