**Davyd Zakorchennyi**

Full-Stack Engineer | Sarasota, FL (Open to Remote) | (941) 374-0327

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**TECHNICAL SKILLS**

**Front End** | JavaScript (ES5 and ES6), React (Hooks + Router), HTML5, CSS3, SASS, jQuery

**Back End** | Node.js, Express, MongoDB (Atlas + Mongoose ODM), MySQL, RESTful API

**Deployment** | AWS (EC2, Elastic IP, Load Balancing), Heroku, Loader.io

**Developer Tools** | VS Code, Git, npm, Yarn, Webpack, Babel, Agile Methodology

**SOFTWARE ENGINEERING APPLICATIONS**

**Junior Full-Stack Engineer,** OfKors Euro Bakery, [*GitHub Repo*](https://github.com/Diza41a/ofkors-european-bakery-copy), [*websit*e *link*](http://ofkorseurobakery.com/) 2022

*Deployed business web app for a family bakery*

* Designed and implemented UI according to the client specification, utilizing mobile-first design pattern, flexbox and css grid, in order to deliver cross-device experience maintaining the brand vision.
* Actualized React Router framework to enable navigation between UI views and altering of the browser URL, providing users with a more intuitive browsing experience.
* Utilized MVC model when joining the secured admin dashboard with the connected MondoDB Atlas database, providing the client with constant dynamic updates.
* Actualized language support, leveraging combination of react-i18next framework and Google’s translation API for static and dynamic website elements, providing an accurate multi-language support to the target demographic.

**Junior Front-End Engineer (UI lead),** LitHub, [*GitHub Repo*](https://github.com/Blue-Ocean-Koi-Fish/lit-hub), [*websit*e *link*](https://lit-hub.herokuapp.com/) 2022

*Free online library and reader app (Gutendex API)*

* Designed minimalistic mockup and wireframe, in order to specify the element arrangement to the team members, ensuring layout consistency across all of the components.
* Implemented the styling for the application, using SASS and CSS flexbox, creating a pleasant and clean look, while preserving the simplicity for the cross/legacy-browser compatibility.
* Realized MVP accessibility requirements per client request, using react-i18next for a multi-language support, and a combination of SASS nested variables and functions for color-blindness options.
* Implemented a highly usable e-reader, providing the client with a combination of navigation, font, and view options to minimize distractions during the reading experience.

**Junior Back-End Engineer,** ReviewsAPI Service, [*GitHub Repo*](https://github.com/Hawks-of-Hack-Reactor/Reviews-API) 2022

*Recreation of the Reviews section of Atelier API, as part of the data scaling process*

* Successfully populated a new Mongo database as part of an ETL process, effectively preserving a large load of client data.
* Optimized response times by indexing the Mongo collection using covered queries, immediately decreasing wait times from 3 seconds, down to under 10 milliseconds for a single user.
* Deployed database server and API route server to the AWS (EC2 Ubuntu instances), using the advantages of elastic IPs to reduce the workload when restarting the instances.
* Evenly balanced the client load across two duplicate servers using NGX, reaching expected metrics of under 50 ms response times for 2000 client requests per second.

**PROFESSIONAL EXPERIENCE**

**Cashier** | OfKors Bakery 2020-2022

* Introduced customers to the ins-and-outs of Eastern-European bakery and desserts by providing brief descriptions of the core ingredients and answering relevant questions.
* Assisted in training of the new personnel, by introducing them to basic customer service and store’s menu, as well as overseeing and testing them on their knowledge.

**EDUCATION**

**Hack Reactor |** Advanced Software Engineering Immersive Program, US Remote 2022

**Suncoast Technical College |** .NET Application Development and Programming 2018-2019