

MICHAEL ALEX

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OBJECTIVE

A software engineering role that provides plenty of challenges and learning opportunities.

EXPERIENCE

REMOTE SENIOR REACT DEVELOPER @ [SchoolLinks](#)

November 2021 - Present

SchoolLinks is a college and career readiness platform based in Austin, TX.

- Implemented some of the most complex common components, such as:
 - RichTextEditor - A text editor with image upload functionality built on top of [draft.js](#).
 - Uploader - File uploader with drag and drop functionality.
 - DataTable - Table with virtualized horizontal scroll.
 - VerticalFilterV2 - Table filter used in almost all modules.
- Created documentation for the common components library using [Storybook](#).
- Created monorepo using [Lerna](#).
- Contributed into migrating project from JavaScript to TypeScript.
- Covered the codebase with various unit tests in Jest and e2e tests using [Playwright](#).
- Created documentations and style guides on various topics such as:
 - How to properly use Storybook: add a common component, create story variants, usage of docstrings, provide copyable source code for each story variants and more
 - How to correctly mock date, query params and localStorage in Jest
 - Jest & Playwright parameterization
 - Jest coverage report
 - When to use invalidateQueries in [react-query](#), etc.
- Created various technical proposals and module planning documents in [Notion](#) before implementing a major feature.

REMOTE SENIOR REACT DEVELOPER @ [OpenNode LLC](#)

December 2019 - November 2021

OpenNode LLC is Estonia-based company which builds open-source infrastructure management software and implements cloud systems.

My [contributions](#) to [Waldur HomePort](#) which is an open-source web-based client for [Waldur MasterMind](#):

- Migrated legacy code of AngularJS to React/Redux with TypeScript.
- Implemented a new UI design system. Introduced new reusable components.
- Integrated [React-Bootstrap](#) components library.
- Refactored and recreated a [FullCalendar](#) module for managing bookings.
- Contributed in many production critical tasks, including global state management migration and more.
- Created a backend health status monitoring system for multiple microservices that integrated Waldur.
- Covered components and code fragments with unit tests using Jest and Cypress.
- Contributed in writing and updating the documentation.

FREELANCE WEB DEVELOPER @ [Upwork](#)

July 2018 - December 2019

- Been freelancing on Upwork as a part-time job.
- Built 2 web applications in React/Redux that provide different types of visualizations data analytics using [ECharts](#) that have been pushed into production and into the hands of many clients.
- Collaborated with different teams to complete projects on tight deadlines.

ANGULAR DEVELOPER @ [Tbilisi City Hall](#)

March 2015 - December 2019

- Contributed to multiple indoor and outdoor government projects that serve my community which has been an exceptionally fulfilling experience for me.
- Started as an intern and walked my way through to the senior level developer. Mentored interns, junior and middle developers. Led and managed projects.
- Built [Idea](#) web application for different municipalities of Georgia which allows citizens of Georgia register their innovative ideas about improving the region and/or solving a local problem.
- Led front-end team in [Build](#) web application which provides the latest information about the active infrastructure projects in different municipalities of Georgia.
- Contributed in [Tbilisi Zone Parking](#) and [Business Parking](#) reforms which were launched in 2017-2018.
- Led [Tbilisi Taxi](#) web application developers team regarding the taxi reform in Tbilisi, Georgia.
- Built [EV Charging](#) web application which encourages electric vehicle ownership. Today, there're up to 200 free EV chargers across different parts of Tbilisi.
- Contributed in indoor software systems that are used across different government institutions and organizations.
- Used Angular, Angular Material, Express.js, MongoDB to complete projects.

SKILLS & INTERESTS

- **Languages and Frameworks:** React, Redux, React Query, Angular 2+, RxJS, TypeScript, JavaScript, jQuery, AJAX, Angular Material, Material-UI, HTML, CSS, Sass, Bootstrap, BEM, Jest, Cypress, Playwright, Git
- **Task Management Systems:** Scrum, Kanban, Jira, Trello
- **Development Environment:** VS Code, IntelliJ IDEA

EDUCATION

GEORGIAN TECHNICAL UNIVERSITY	2022 - Present
Ph.D. in Informatics	
GEORGIAN TECHNICAL UNIVERSITY	2019 - 2021
Master of Information Technology	
TBILISI STATE UNIVERSITY	2015 - 2019
Bachelor of Science in Computer Science	

The most recent version of this resume is available at github.com/mikheil-a/cv