MICHAEL ALEX

michaelalex.dev@gmail.com · @ GitHub · @ LinkedIn · @ NPM

OBJECTIVE

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

EXPERIENCE

SchooLinks   November 2021 - Present

REMOTE SENIOR REACT DEVELOPER

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

- Implemented some of the most complex common components, such as:
  - Uploader - File uploader with drag and drop feature.
  - RichTextEditor - A text editor with image upload functionality built on top of draft.js
  - DataTable - Table with virtualized horizontal scroll.
  - VerticalFilterV2 - Table filter used in almost all modules.
- Used Storybook for our common components library.
- 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 Playwrite.
- Created documentations and style guides on various topics such as: How to properly use Storybook, How to create story variants, how to use docstrings in Storybook, How to provide source code for each story, How to correctly mock date, query params and localstorage in Jest, Jest parameterization, Jest coverage report, when to use invalidateQueries in react-query, etc.
- Created various module planning documents in Notion.

OpenNode LLC   December 2019 - November 2021

REMOTE SENIOR REACT DEVELOPER

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.

Upwork   July 2018 - December 2019

FREELANCE WEB DEVELOPER

- 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.

Tbilisi City Hall   March 2015 - December 2019

ANGULAR DEVELOPER

- 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 <u>EV Charging</u> 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, Playwrite, 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 <u>github.com/mikheil-a/cv</u>