

# Giorgi Dogadze

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## Work Experience

### Primary Portal

Full Stack Engineer

London, England

July 2022 - Present

- Creating the infrastructure, connecting banks and institutional investors for capital markets issuance
- Developing backend using Nest.js | Node.js | Terraform | DynamoDB | AWS SQS, SNS, SES, and Lambda.
- Working with AWS Amplify / Cognito for fast and secure User Auth for CRUD.
- Using/developing our created private npm libraries, like: fully custom UI library (everything covered with test and shown in Storybook) and custom *event-bus* library, which gives us the possibility to share events/information between multiple teams.
- Working with microfrontend to display different team products in one place.
- Refactoring FE using react-query for cache improvement, which results in faster page loading
- Developed comprehensive unit tests for all Frontend functions, hooks, and components.
- Implemented unit and API tests for controllers and services.
- Created customized forms using Formik, React-table, and Yup for validation.
- Conducted end-to-end (e2e) tests to ensure critical web functionality coverage.
- Personally optimized the build time of e2e tests in the CI environment by implementing parallel execution of playwright tests, resulting in a 75% reduction in build time.
- Personally established an AWS CDC pipeline for historical data storage and its CSV file generation.
- Conducted code reviews for fellow developers, ensuring code quality and adherence to best practices within the team.
- Actively participated in technical planning sessions, providing insights and contributing to solving complex tasks.
- Languages: JavaScript, TypeScript.
- Technologies: React.js, Node.js, NestJS, Terraform, Serverless, DynamoDB, GitLab, AWS.
- Libraries: Ramda.js, Testing Library, Jest, Cypress, Formik, React-Query, Yarn PNP.
- Stats: 150 merged merge requests in the 11 months.

### Temi Cloud

Full Stack Engineer

Tbilisi, Georgia

September 2020 - June 2022

- Working on the no-code tool for a community-based marketing platform (Jobs, Courses, Events, Content).
- Maintaining a React | TypeScript based component library from fully custom Figma designs (90 core components, 300+ unique components, 60K+ lines of code).
- Privately create custom Tree data structure, write recursive functions for different kinds of manipulations, fully covered with unit tests.
- Privately refactor Storybook pipeline, add more than 200 missing stories to document all components.
- Add Social Authentication(Google, Facebook) pipeline to the platform.
- Create course and event pipeline in Business and Community Managers, Admin and Platform.

- Refactor state management system, use a custom hook for passing states and memoized functions.
- Reviewing code of the other developers in the team.
- Developing an event-driven backend using Nest.js | Node.js.
- Maintain and create new unit tests for every endpoint and function using Jest (more than 350 unit tests).
- Collaborating with Product Owner and Scrum Master on a daily basis.
- Languages: JavaScript, TypeScript, SQL.
- Technologies: React.js, Node.js, NestJS, Next.js, PostgreSQL, TypeORM, Jest, Docker, Git | Github.
- Stats: 110 merged pull requests, 1912 commits, 115079 line additions and 41361 deletions in our monorepo in the 8 months.

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## Education

**Tbilisi State University**

*Bachelor in Computer Science GPA: 3.83*

**Tbilisi, Georgia**

*2018 - 2022*

**Georgian Technical University**

*Master in Informatics*

**Tbilisi, Georgia**

*2022 - 2024*

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## Skills

**Languages:** Georgia, English B2, Russian.

**Tech Stack:** JavaScript, TypeScript, React, Node.js, NestJS, Next.js, SQL, Googling.

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## Community

**Medium Article:** React Virtual DOM VS Angular Incremental DOM, The amazing life of JavaScript memory, React Rendering

**TSU Computer Science students conference:** Preprocessor directives in C++