

AKAKI MIKAIA

Full Stack Developer

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SUMMARY

Dynamic and **detail-oriented** Web Developer with a capacity for **conceptualising** and **delivering** elegant, user-friendly solutions effectively and efficiently. Possesses a track record of developing numerous projects on **weekly sprints** during the learning phase at Founders and Coders, a fully-functional movie search website and picture story creator web app for a nonprofit working with autistic children. Armed with an extensive understanding of **Agile** Software development practices, **CI/CD** and **TDD** practices. Regular participant and mentor at Codebar and Founders and Coders web developer meetups.

TECHNICAL SKILLS

- **Web Technologies and Frameworks:** JavaScript, React.js, HTML5, CSS3, node.js, express.js, TypeScript, GraphQL
- **React:** Context API, React Router, React Hooks
- **UX/UI:** Figma, Material UI, Styled Components, Bootstrap
- **Database and ORM:** MySQL and PostgreSQL
- **Deployment Tools:** CI/CD, Travis, Heroku, Netlify
- **Testing Libraries:** Jest, Cypress, Tape, SuperTest, Codecov
- **Web Debug Tools:** Mozilla Firebug (debugger), Chrome developer tools
- **Versioning and other tools:** Git and GitHub, JWT, Postman, Jira, Cloudinary, Prettier, Es Lint.

EXPERIENCE

06/2020 - Present **Prepare me - Scrum Master / Full Stack Developer**

Prepare Me is a platform created for parents with kids with autism. On the platform parents are able to create printable books from templates to tell the social stories to their kids. Prepare me is a part of Tech for Better program at FAC where I took a role of SCRUM Master.

Team Management and Leadership

- Lead a team of **4 Developers** to direct the end-to-end **application lifecycle** process with a focus on coding and debugging.
- Reduced miscommunication and increased coordination across the team by daily **stand-ups** and weekly **SGCs**
- Encouraged learning and analytical research by organising product related **technical spikes**.

Application Development and Maintenance

- Successfully delivering and meeting forecasted estimations by precise **sprint planning** and calculating estimations using **PERT** technique.
- Engineered **reusable react components** and implemented **Cloudinary** to enable upload feature for the users.
- Improved applications state management by incorporating **Context API**.

Key Achievements

- Developed **user-centric MVP** by implementing **mobile-first design** principles combined with weekly **user research** feedbacks
- Maximized the value delivered to the product owner by carefully **optimising the scope** of the application and coordinating client expectations.

5/2020 – 6/2020 **Bechdel and Beyond - DevOps/Full Stack Developer**

Bechdel and Beyond is a platform that enables users to search for films and check if the movies pass the Bechdel test and alongside display gender parity for the crew and cast. Users are also able to submit their reviews and vote for the films.

Software Development and Maintenance

- Conceptualized and implemented the code logic, developed the **database structure** and ensured regular maintenance
- Successfully deployed the **REST API** on **Heroku** and front end React app on **Netlify** as **DevOps** lead.
- Ensured fast deployment with higher quality code by incorporating **Travis CI/CD**.
- Adding extra **security** layer by incorporating **JWT** refresh tokens.

Third Party API Integration

- Gathered, populated and organised data in the database to create a suitable API for the project by integrating **third part APIs** and writing advanced **PostgreSQL queries**.

Key Achievements

- 97 percent of code coverage achieved by using **TDD** methodology with **Tape** and **Jest**.
- Developed Bechdel **REST APIs** and created **reusable codes** to facilitate smooth future usage.

5/2019 – 12/2019 **Plant On Demand - Front End Developer Intern**

Plant On Demand is an online platform that digitizes and optimizes the processes of buying and selling agricultural products.

- Bringing mockups to life using HTML, CSS, JavaScript.
- Collaborating with designers to ensure designs were efficient and technically sound
- Creating modular, responsive templates using modern CSS techniques and JavaScript Libraries.
- Maintaining an organized workflow using GitHub

EDUCATION

2/2020 – 4/2020 **Founders and Coders**

Founders and Coders is highly competitive software developer trainee program and is guided by its core values of cooperation, inclusion and social impact. Run by a community-driven non-profit organisation with an emphasis on **pair programming**. Weekly **sprints** and projects provided good foundation to learn many technologies and utilise them properly. Extensive incorporation of **scrum master** roles in teams and **research spikes** boosted teams productivity and knowledge of the weekly projects

2013 – 2017

Literature Bachelor's Degree

Ilia State University

Graduated BA degree with 3.7 GPA in a major of Literature studies and a minor of a Liberal Arts. Received an award for contributing to gender studies with my thesis.

HOBBIES

I love cycling and that's my main vehicle to commute. I am also an active climber and can challenge V5 routes. I love reading graphic novels and Alejandro Jodorowsky's and Moebius's collaboration is the best.

ACHIEVEMENT

I started a project that raised the community awareness in my home town among young people thorough presenting and bringing new books to a local library.