

Anya Danilova

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Anya is a lifelong learner and an aspiring software engineer looking for entry level engineering roles.

Skills

Programming Languages: Javascript, Typescript, HTML, CSS, Java

Technologies: React, Node.js, Docker, GraphQL, MaterialUI, TailwindCSS, Spring Boot

Databases: MySQL, PostgreSQL, MongoDB

Dev Tools: git, postman, figma, lucidchart

Soft Skills: excellent communication / interpersonal skills backed by years of hospitality, medical school and volunteering experience

Work Experience

The Agency, backend developer intern

September 2023 - January 2024

- Worked on graphql APIs using Postgraphile framework
- Developed slug history solution to be able to update slugs and keep track of previous versions
- Implemented github actions for publishing pull requests in a dependant repository on changes to child repository
- Implemented Postgres schema migrations using pg-node-migrate
- Implemented large scale data migrations to update tables in non blocking fashion using batch updates
- Developed integration and unit testing to ensure software quality with jest
- Developed standardized URL construction across the codebase

Projects

FunDive - Dive Log Software (PostgreSQL, Express, Node.js, React, Docker, Apollo Express)

- A dive tracking application that allows divers to organize and access their dive records
- Containerized Node.js and PostgreSQL using Docker
- Set up a GraphQL Apollo server and implemented GraphQL API using three layered architecture
- Implemented user authentication and authorization using JSON Web Tokens
- Designed UI using Material-UI framework and implemented React context for authentication

Portfolio - Personal portfolio Website (MongoDB, Express, Node.js, TailwindCSS)

- A personal portfolio website showcasing my professional journey and projects
- Developed REST API using Express and MongoDB
- Integrated SendGrid for email handling in the contact form
- Deployed the website using Render
- Utilized TailwindCSS for UI design

CEMS - Student Clubs and Event Management Software (React, Spring Boot)

- A collaborative group project focused on creating a software application for managing student clubs and events
- Led the front-end development using React and Material-UI framework
- Implemented protected routes and authorization features, enabling role-based access control for secure login and usage
- Collaborated in team environment, utilizing agile development methodologies to meet project milestones and objectives

Education

Bachelor of Computer Science, Algoma University
MD Program, Saba University School of Medicine
Honors Bachelor of Science, Biomedical Science, York University

Brampton, Canada
The Bottom, Saba, Caribbean
Toronto, Canada

2022-2023
2020-2022
2015-2019

Additional Experience

Vice President, Alpha Omega Phi Honor and Service Society, Saba University School of Medicine <ul style="list-style-type: none">Led and organized academic, social, and fundraising events, enhancing student engagement and community through effective leadership and team collaboration	2021
Teaching Assistant, Saba University School of Medicine, Saba, Caribbean Netherlands <ul style="list-style-type: none">Facilitated learning of various medical courses, effectively communicated complex subjects, and provided academic mentorship	2020 - 2022
Research Assistant, The Wilcox Lab, York University, Toronto, ON <ul style="list-style-type: none">Conducted immersive technology research using Oculus Rift on motion parallax, contributed to stereopsis studies, and presented findings at international conference	2019-2020
Volunteer, Princess Margaret Cancer Center (Toronto, ON) <ul style="list-style-type: none">Offered compassionate care and emotional support to patients, while also providing helpful information about hospital services, enhancing the patient experience in the hospital environment	2017-2020
IELTS Coordinator, ILSC Toronto (Toronto, ON) <ul style="list-style-type: none">Efficiently coordinated IELTS exams and student applications, addressed diverse concerns, and led multicultural volunteer teams in events and fundraisers	2013-2015
Server/Bartender, Vivoli (Toronto, ON) <ul style="list-style-type: none">Fostered a warm, welcoming atmosphere while providing personalized service to a diverse clientele, alongside cultivating a rich understanding of Italian cuisine and wines	2008 - 2014
Dance Facilitator and Educator (Toronto, ON) <ul style="list-style-type: none">Introduced fun and engaging dance programs to schools, highlighting the joy and benefits of movement for physical health, self-esteem, and creative expression	2012 - 2013