Anya Danilova

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

Highlights

- Production experience developing GraphQL APIs with Typescript/NodeJS and Docker
- Production experience with non blocking schema migrations and data backfills for PostgreSQL
- Data analysis skills developed during 2 years of research assistant and lab volunteer work
- Recipient of NSERC (National Science and Engineering Research Council) grant 2018
- VP of Honor and Service Society in medical school and fundraised the highest amount for charity in school's history
- Excellent communication/interpersonal skills backed by 7 years in hospitality and extensive volunteering experience

Technical Skills

Programming Languages: Javascript, Typescript, HTML, CSS, Java
Technologies: React, Node.js, Docker, GraphQL, MaterialUI, TailwindCSS
Databases: MySQL, PostgreSQL, MongoDB
Dev Tools: Git, Postman, Figma, Lucidchart

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
- Developed NodeJS backend using 3 layered architecture with GraphQL, PostgreSQL and Docker
- 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, React, TailwindCSS)

- Developed REST API using Express and MongoDB
- Integrated SendGrid for email handling in the contact form

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

- 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	*Brampton, Canada*	2022-2023
MD Program, Saba University School of Medicine	*The Bottom, Saba, Caribbean*	2020-2022
Honors Bachelor of Science, York University	*Toronto, Canada*	2015-2019

Additional Experience

Vice President, *Alpha Omega Phi Honor and Service Society, Saba University School of Medicine*   2021
- Led and organized academic, social, and fundraising events, enhancing student engagement and community through effective leadership and team collaboration

Teaching Assistant, *Saba University School of Medicine, Saba, Caribbean Netherlands*   2020 - 2022
- Facilitated learning of various medical courses, effectively communicated complex subjects, and provided academic mentorship

Research Assistant, *The Wilcox Lab, York University, Toronto, ON*   2019-2020
- Conducted immersive technology research using Oculus Rift on motion parallax, contributed to stereopsis studies, and presented findings at international conference

Volunteer, *Princess Margaret Cancer Center (Toronto, ON)*   2017-2020
- Offered compassionate care and emotional support to patients, while also providing helpful information about hospital services, enhancing the patient experience in the hospital environment

IELTS Coordinator, *ILSC Toronto (Toronto, ON)*   2013-2015
- Efficiently coordinated IELTS exams and student applications, addressed diverse concerns, and led multicultural volunteer teams in events and fundraisers

Server/Bartender, *Vivoli (Toronto, ON)*   2008 - 2014
- Fostered a warm, welcoming atmosphere while providing personalized service to a diverse clientele, alongside cultivating a rich understanding of Italian cuisine and wines

Dance Facilitator and Educator *(Toronto, ON)*   2012 - 2013
- Introduced fun and engaging dance programs to schools, highlighting the joy and benefits of movement for physical health, self-esteem, and creative expression