

NIKITA ORLOV

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EDUCATION

Bachelor of Computer Science

University of Waterloo

Chairman of Book Club

September 2016 – June 2020

Waterloo, Canada

WORK EXPERIENCE

Full Stack Software Developer

Lckroom

August 2020 – Present

London, Canada

- Utilized MobX as a state management solution for generating and managing GraphQL TypeScript typings to streamline end-to-end mobile development of a multi-screen React Native application using a Crystal Agile development cycle
- Collaborated closely with internal teams including design and product management in every step of the architectural and development process of a MVP using tools such as Storybook, Miro and Figma
- Automated deployment of serverless AWS Lambda functions alongside S3 and RDS infrastructure for use in dockerized LocalStack sandbox environments using Terraform and Pulumi
- Leveraged AWS services to fully migrate hosts for a dynamic landing page to an EC2 instance with Route 53 and Caddy
- Cultivated expertise with React to recreate a customer-facing website in TypeScript with a Next.js based frontend using Strapi and Flagsmith served through Blue-Green deployment pipeline on AWS Fargate

Intern Software Developer

Vocalmeet

April 2018 – September 2018

Toronto, Canada

- Closely collaborated with internal team to design CMS platform fitting client needs
- Implemented REST API in JavaScript to integrate back-end MySQL database interactions
- Provided extensive training for replacement for continuation of development with the codebase
- Integrated APIs for major payment gateways such as Stripe and PayPal in PHP, jQuery and Backbone.js

KEY PROJECTS

covid19stats

Python

- Created and deployed a Dockerized Flask app on Heroku which helps better visualize and analyze COVID-19 case data using PostgreSQL, pandas and Selenium

Torrent Server & Client

Python

- Designed and implemented a peer-to-peer file sharing torrent server and client without additional libraries allowing asynchronous data chunk transfer among clients

Quantum Random Number Generator

Java

- Designed and implemented an Android app which uses the ANU Quantum Number Server API to generate truly randomized lottery numbers, passwords, coin flips, and dice rolls which has a 4.5 star rating on the Google Play Store

SKILLS

Technical Skills: Python, TypeScript, Java

Languages: English, Russian