

Ivan Golovine

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Objective: .Net Full-Stack Developer

SUMMARY:

Passionate Full-Stack Developer with 5 Years experience in the complete software development lifecycle, encompassing the design, implementation, testing, maintenance, and server administration. Experienced in harnessing various SaaS and IaaS platforms and dedicated to creating exceptional software that adheres to industry best practices with robust documentation, user-friendliness, and efficiency. Someone with strong skills in OOP methodology, design pattern techniques, OS internals, Network programming, Sockets and Multi-threading.

SKILLS:

Main Programming Languages: C#, TypeScript/JavaScript, Python, SQL, HTML5, CSS3, jQuery, C++

Main Frameworks/Libraries: .NET, ReactJS, Flask, Django, Next.js, Material UI

Database: AzureSQL, PostgreSQL, MySQL

Misc: JSON, Git, REST, Linux, NodeJS, AWS lambda, AWS beanstalk, Github, XML, Nginx, Apache

Other: Ruby, PHP, Unity, Azure, Salesforce, Android Studio, Ajax, Bash, C, Django, Java, Angular

Languages: English (native), French (fluent)

EDUCATION:

Toronto Metropolitan University – Toronto, Ontario Canada

Bachelor of Science (B. Sc.) with Honours in Computer Science

Acquired: April 2022

EXPERIENCE:

Full-Stack Developer – Freelance – Toronto, Ontario

November 2023 – Present

- Developed reusable components, employing advanced techniques like prop drilling, resulting in enhanced code maintainability and scalability.
- Engineered secure login functionality using bcrypt for password encryption and validation, enabling users to manage their profiles securely.
- Established robust API infrastructure utilizing Express and Axios for seamless creation, deletion, and editing of posts. Employed middleware such as BodyParser and Multer for efficient data parsing and file uploading.
- Implemented authentication mechanisms including AuthContext and JWT tokens to maintain user sessions securely. Utilized cookies and local storage for verifying user-specific resources with the backend.
- Synchronized user posts with associated profiles to ensure accurate display of usernames and profile images, contributing to an improved user experience.
- Integrated asynchronous programming techniques throughout the application to optimize request handling, incorporating thorough error handling and user-friendly error messaging.
- Utilized SCSS modules for precise styling customization, ensuring encapsulation of styles within specific components.

Technologies used: JavaScript, Node.js, ReactJS, Nginx, Axios, REST, MVC, Express, SCSS, HTML5, JWT, multer, bcrypt, MongoDB, dotenv, nodemon

Full-Stack Software Developer – Givex – Toronto, Ontario

June 2022 – May 2023

- Designed, developed, and implemented features that led to the enhancement of several existing payment systems, reporting mechanisms, gift card solutions, point-of-sale (POS) systems, and user interfaces.
- Maintained Python-based applications for Marriott, Wendy's, the Toronto Blue Jays, etc., allowing for user-friendly access to financial reports, transactions, and easier access to information.
- Collaborated closely with cross-functional teams, actively participating in code reviews and performance analysis to ensure code quality and that deliverables were finished on time.
- Translated client requirements into detailed design specifications, allowing for unit tests to be developed and trialed before executing final implementation for client satisfaction.
- Resolved intricate technical issues in a timely manner, working in tandem with the Quality Assurance (QA) team to validate solutions.

Technologies used: JavaScript, Django, ReactJS, PostgreSQL, AJAX, jQuery, Python, CSS3, HTML5, MVC, Apache XP, Agile, and REST API

Software Developer – Fuzzex – Toronto, Ontario

March 2019 – December 2021

- Spearheaded the end-to-end testing for .NET applications by maintaining and implementing unit tests, integration tests, and debugging issues within various game applications designed for IOS and Android.
- Refined the algorithms used within the puzzle games, contributing to an improved user experience and applications overall performance.
- Played a pivotal role in making the testing more robust with GTest framework, resulting in higher test coverage, and improving the overall code quality.
- Collaborated with the team to improve our productivity by pivoting towards test automation with continuous integration tools like Travis CI, GitHub and overall streamlining the development process.

Technologies used: C#, .NET, C++, OpenGL, Travis CI, Git, Unit Tests, GTest, Android SDK, Android NDK, and UIKit

SOFT SKILLS & TRAITS:

Attention to Detail

Conscientious

Documentation

Self-motivated

Problem Solving

Innovative

PROJECTS:

Websites Frontend & Backend**April - May 2022**

- Developed a Single Page Application (SPA) utilizing React and Flask, combining both frontend and backend technologies.
- Created user-friendly and responsive web pages by leveraging components, pages, dynamic content, CSS Modules, Bootstrap, JavaScript, and HTML.
- Implemented dynamic routing for seamless navigation across all pages within the application using React.
- Successfully deployed the project on a DigitalOcean server, optimizing performance and user experience.