Nikolay Butnik

in LinkedIn **GitHub** **Portfolio**

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Highly motivated Full Stack Developer with construction estimation background, passionately pursuing an opportunity in software development ever since the very first 'Hello World'. Creative problem solver, known among colleagues to never shy away from a difficult task. Earned a certificate in Full Stack Web Development from Carleton University. Excellent communicator, critical thinker, self motivator, effective team player, and an unshakable optimist.

TECHNICAL SKILLS

HTML5 • CSS3 • JavaScript • TypeScript • Python • Node.js • Express.js • MySQL • MongoDB • React • jQuery • Version control • GitHub • GraphQL • MVC • REST API • Heroku • Handlebars • Bootstrap • Responsive design

PROJECTS

- **Personal Portfolio - GitHub - Demo** - *Online showcase of personal projects*
  Developed in React. This project focuses on exploring new concepts and technologies, leading to minimal reliance on libraries such as Bootstrap, opting for exploration with technologies like Sass and experimentation with vanilla JavaScript for animation.
- **Star Academy - GitHub - Demo -** *Gamified music learning application*
  Developed in React, this project fully utilizes the MERN stack. User information is handled with MongoDB and authentication is done with a custom solution using JSON Web Token and Bcrypt. Focus was on Working with date and time, for which the Date-fns library was used.
- **OOP General Hospital - GitHub - Demo** - *Hospital management simulation*
  This project showcases CRUD operations using MySQL database. Random user generation is done mainly with Random User Generator API as well as client-side random data generation.

EXPERIENCE

Thermal Systems, Ottawa - *Estimator* - DEC 2014 - PRESENT

- Effective team player, collaborating with various trades to coordinate design solutions and cost savings, leading to 22% successful bid rate, 5% above industry average.

- Successfully managed large projects such as OLRT and multiple Carleton and Ottawa university retrofits. Intimate knowledge of materials and best practices lead to an average of 15% cost savings for clients.

- Successfully proposed and implemented new software to streamline the estimation process and enable remote work where previously impossible.

EDUCATION

Carleton University, Ottawa - *Certificate - Full Stack Web Development*

Intensive six-month course covering most popular browser and server side technologies, responsive design, Git version control, database integration, API development, and deployment. Emphasis on Agile Software Development.

Algonquin College, Ottawa - *Advanced Diploma - Architectural Technology*

Three year course focused on computerized 2D/3D drafting with AutoCAD and Revit. Covered Architectural, Civil, Mechanical, and Electrical systems. Final team project involved designing a commercial structure from the ground up.

HOBBIES AND INTERESTS

Coding • Reading • New tech • Video games • Puzzles • Escape rooms • Working out • Cooking • Space exploration • Artificial intelligence • E-commerce • Stock trading • Cryptocurrency • Renewable energy