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 • React.js • Node.js • Express.js • MongoDB • MySQL • jQuery • GitHub • GraphQL • Bootstrap • Python

PROJECTS

- **CryptoGraph** | **GitHub** | **Demo** | *Cryptocurrency price history graphing app*
    - React.js, Node.js, Express.js, JavaScript, CSS, Sass
    - Select a cryptocurrency pair and display a price history graph. Data can be displayed in 4 hour, 8 hour, 12 hour, and 24 hour intervals. Price history is available for up to 3 months.
    - CCXT library is used to connect to different crypto exchanges and retrieve historical price data.
    - Live pricing of Ethereum and Bitcoin is displayed in the header and updates every 5 seconds. Data is obtained with Etherscan and Coinbase APIs.
    - CoinMarketCap API is used to display helpful information on the currently selected cryptocurrency.

- **Personal Portfolio** | **GitHub** | **Demo** | *Online showcase of personal projects*
    - React.js, Node.js, Express.js, JavaScript, CSS, Sass, Bootstrap
    - Focus on exploring various concepts and technologies as well as showcasing personal projects.
    - Built entirely from scratch, this app is an ever-evolving combination of the aforementioned skills.

- **Star Academy** | **GitHub** | **Demo** | *Gamified music learning application*
    - React.js, Node.js, Express.js, MongoDB, JavaScript, CSS, Bootstrap
    - MongoDB & Mongoose: database for customized user accounts and CRUD operations.
    - JSON Web Token & Bcrypt: custom user authentication solution.
    - Date-fns: time management to enable the calendar, energy recovery, and streaks systems.

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*

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