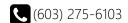
Joel Barna









Skills

LANGUAGES

JavaScript (Advanced)

node.js (Advanced)
CSS & Less (Advanced)

HTML5 (Advanced)

Java (Advanced)

PHP & Python (Intermediate)

FRAMEWORKS

MV* (Advanced)
AngularJS (Advanced)

Redux (Intermediate)
React (Intermediate)

Express.js (Intermediate)

Karma & Mocha (Intermediate)

TOOLS

Git (Advanced)
Grunt (Intermediate)
webpack (Intermediate)
[No]SQL (Intermediate)
Apache & nginx (Intermediate)

PROTOCOLS

RESTful APIs (Advanced)
OAuth 2 (Advanced)
HTTP & HTTPS (Intermediate)
SSL (Intermediate)

Education

Computer Science B.S. (2011 – 2016)

University of New Hampshire GPA 3.23

Work Experience

Kronos Incorporated

Software Engineer

- Developed Flagship cloud application with Less, AngularJS, Redux, and Grunt.
- Utilized node.js to provide scalable responsiveness to RESTful client queries.
- Utilized the Agile workflow to produce features on a timely and consistent basis.
- Maintained 100% unit test coverage with Karma, Mocha, and Jasmine.

OKE

Front-End Web Developer

- ₩ July Sept 2016
- **Q** Gdańsk, Poland

March 2017 – Present

♦ Lowell, MA

- Travelled to Poland through an international program named IAESTE.
- Designed and created a complex web application to control home IoT applications.
- Worked with a demo driven development management style.
- Communicated effectively through cultural and language barriers.

ADP

User Experience Developer

- June August 2015
 Salem, NH
- Designed accessible web pages to be used by the visually and physically impaired.
- Created voice interaction models to capture name, date of birth, SSN, and email.
- Prototyped a voice interactive web application with the use of the Web Speech API.
- Conducted user testing on ten blindfolded individuals to find and improve design flaws.

LIBERTY MUTUAL

IT Web Developer

- June August 2014

 Portsmouth, NH
- Developed front-end web pages to promote deals associated with affiliate companies.
- Responsible for maintaining the homepages of Liberty Mutual.
- Edited front-end code along with back-end Java and JavaServer Pages.

Side Projects

Spotify Keep %

- An application made with Electron and node js to provide additional cross-platform features to the Spotify service.
- Implemented the Oauth2 workflow to access to users' accounts.

Title Peekaboo %

• Simple front-end framework to change the title of a webpage when the user changes tabs.