



Joel Barna

 (603) 275-6103

 Joeltbarna@gmail.com

 Github.com/JBarna

 Cambridge, MA

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


 March 2017 – Present

 Lowell, MA

- Developed the timecard for Kronos' workforce management cloud suite in AngularJS.
- Created a responsive and scalable data transformation layer using node.js and Redis.
- Utilized the Agile workflow to produce features on a consistent bi-weekly basis.
- Ensured application quality by maintaining unit and integration test coverage.

OKE

Front-End Web Developer

 July – Sept 2016

 Gdańsk, Poland

- 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.