

# Chris Campbell

## Software Engineer

 @chriscampbell.tech

 chriscampbell.tech

 github.com/ChrisGCampbell

### Professional Summary

- o 8 years of experience in Web Development, Backend Applications, Testing and documentation of professional web based applications using Node.js, HTML5, CSS, JavaScript, React.js, Angular, PHP, Java, C++
- o AWS Cloud Computing Professional Certification & Node.js Professional Certifications
- o Experience in Architecture, Design and Development of Object Oriented Software Systems and building complex, high performance, scalable and easily maintainable solutions for N - tier, Web, Microservices, and Distributed applications.
- o Experience in developing Web Applications with various frameworks, Express, Java Spring, Bootstrap, EmberJS, & React
- o Experience in database programming using Oracle, MySQL, Postgres 9.3 and MongoDB as well as cloud S3 & DynamoDB environments.
- o Worked on many custom modules and widgets using React JS/CSS/HTML and made those cross-browsers consistent.
- o Extensive experience in IDE and debugging tools like Eclipse, WebStorm, and JetBrains Software.
- o Utilized Node.js, Socket.io, Redis, and React for scalable website architecture and realtime technology.
- o Expertise working on Application servers and Cloud Web servers such as Amazon Web Services
- o Strong development skills including RESTful Web Services.
- o Comfortable working with MEAN/MERN(MongoDB, Express, Angular/React, NodeJS) stack.
- o Performed unit testing using Mocha, Chai aiding test driven Development in some scenarios.
- o Integration and deployment of Java applications done using tools like ANT, Maven debugging through logging frameworks like log4j.
- o Good experience in using various version controls like SVN, and CVS, GIT.
- o Worked on many Operating system environments including Windows 95/ 98/ NT/ XP/ 2000 Server, UNIX (including Sun Solaris), some flavors of LINUX Red Hat Enterprise, CentOS and Ubuntu .
- o Highly adaptable in quickly changing technical environments with very strong organizational and analytical skills.

### RELEVANT EXPERIENCE

#### Software Engineer @ Georgia Tech

June 2018 - Present // Atlanta, GA

- ▷ Wrote modern, automated, maintainable code for a diverse array of internal projects. Automate tools to increase productivity.
- ▷ Work with a variety of different languages, platforms, and frameworks such as JavaScript, React, Angular, Vue, Python, Django, Nodejs, and Express.js, MongoDB Communicate with multi-disciplinary team of engineers and internal personal on a daily basis.
- ▷ Developed new tools beginning from mockup to implementation. Involved in every phase of design lifecycle.
- ▷ Experienced in React JS and working with React Flux architecture. Experienced in working with Redux architecture
- ▷ Working with React Router for developing Single Page Applications SPAs.
- ▷ Experienced in developing React components. Used Axios with ReactJs for making AJAX Calls. Worked on Webpack for build and webpack-dev-server a server.
- ▷ Worked with MEAN/ MERN stack for developing applications.
- ▷ Worked with modules like MongoDB and mongoose for database persistence using Node.js to interact with MongoDB. Worked with npm commands and using package.json for managing dependencies and dev-dependencies of node js applications.
- ▷ For Responsive Web design used Bootstrap to build grids, layouts and components. Used Bootstrap components like dropdown menus, navigation bar, alerts, and labels.

## Web Developer @ APEX Systems

Feb 2017 - April 2018 // Atlanta, GA

- Duties included revamping AT&T's existing business desktop applications. Tasked with transforming legacy code-base into modern codebase.
- Work with a variety of different languages, platforms, and frameworks such as
- JavaScript, React, Node.js, Perl, Sql, Ember.js, and Express.js
- Communicated with multi-disciplinary team of engineers and internal personal on a daily basis.
- Worked in team of 10 developers collaborating and architecting new features
- Created customer user interfaces for the business solutions department
- Updated AT&T's legacy code to modern JavaScript code
- Developed new reports and chart interface components using node modules Used
- Ajax and JSON to make asynchronous calls to AT&T backend web service

## Software Engineer @ MARI / ODU

July 2015 - June 2017 // Norfolk, VA

- Developed database driven application tool for research team.
- Architected and implemented the back-end of MARI's embedded object oriented web application which lets users log in and post comments with other collaborators
- Maintained up-to-date documentation on internal computer applications as well as debug /problem solve internal systems
- Provided training and mentor to junior department developers and students
- Node.js, React, SQL, EmberJS, Perl, Bootstrap, LESS, SASS, JavaScript, PHP, ColdFusion

## Software Engineer @ ODU

Feb 2015 - June 2015 // Norfolk, VA

- Collaborated with a small team of student designers to salvage application code developed by a third party in an effort to re-engineer a more efficient application.
- Worked closely with designers and management team to develop, document, and manage the blackboard website using CSS, PHP, JavaScript, Node.js
- Worked with team to add features and enhancements to existing applications

## Software Engineer Co-op @ LVMG

Dec 2012 - Dec 2014 // Las Vegas, NV

- Engineered and maintained major features of LVRJ's customer-facing web app using PHP, JavaScript, HTML and CSS
- Proposed and implemented scalable solutions to issues identified with search engine optimization, PPC campaigns, Google analytics, and link building strategies
- Interfaced with user experience designers and marketing team to ensure an enjoyable user experiences across LVRJ's web application

## Library Media Specialist @ UNLV

July 2012 - Dec 2012 // Las Vegas, NV

- Assisted senior staff in maintaining library computer systems, physical monitors, and setup installations
- Tested educational sites in all major browsers to ensure cross-browser compatibility and correct mobile responsiveness
- Maintained and upgraded system software on public library computers

## SKILLS

### Programming Languages

JavaScript, Nodejs, Backend JavaScript, TypeScript, SQL, Java, Python, Go

### Fluency

JavaScript, Express, Nodejs, MongoDB, Redux

### Libraries & Frameworks

jQuery, React, Angular, Vue, Ember, Express.js, Koa, Less/Sass, Redux, Redis

**Architecture/Tools/Platforms** System Design, Distributed Systems, Microservices, AWS, Git, Slack

### Testing

Mocha, Vows, Should.js

## Education

### Certifications

Node.js Developer Certification  
MERN Developer Certification  
AWS Cloud Certification

### Georgia Institute of Technology

Atlanta, GA  
Computing Systems

### Old Dominion University

Norfolk, VA  
MS Computer Science

### Nevada State College

Henderson, NV  
BS Management Information Systems

## Projects

### VMS Automation

Work closely with internal and GTRI team to improve security surveillance camera software platform by developing automated processes to monitor, detect, and diagnosis faulty cameras.

### Emergency Response App

Filtered campus geographical data to develop an interactive map which aids emergency response personal to more efficiently locate critically injured personal.

### Genome Sequencing Desktop App

Desktop application developed in electron to diagnose and evaluate diseases and risk analysis in pedigree pups.