

# Michael D. Johnston

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## SUMMARY

Seeking a Software Engineer/Developer position in which my soft and technical skills accrued through prior professional background may be applied, along with my recent education. I am a performance driven and methodical critical thinker determined to ensure team success, experienced in working in and leading teams through a broad spectrum of high stakes environments.

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## EDUCATION

**University of Colorado Colorado Springs**

**2022**

*Colorado Springs, CO*

**Bachelor of Innovation (BI), Computer Science, *cum laude***

\*Bachelor of Science enhanced with business law, entrepreneurship, and consulting

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## SKILLS AND EXPERIENCE

- Academic
  - C, C++, HTML, Java, Python, Ruby
- Programming Languages: JavaScript (ES6), C, C++, HTML, Java, Python
- Responsive web design and development with secured connections using NGINX and Certbot with server-side actions implemented through Express.js, HTML, CSS, JavaScript (ES Modules), and EJS.
- API Integration with basic, key, and bearer token authentication augmented with Axios tools, asynchronous programming, and error handling.
- Version Control applied with GitHub through multiple branches for development, debugging, and application deployment.
- Improve efficiency and reduce human error through construction of end-to-end CI/CD pipeline for building and transitioning code from version control to production deployment.
- Implement Test Driven Development through use of Rspec and FactoryBot within a Ruby on Rails web-based application.
- Conduct user management with Devise to control permitted user actions and access within application or service.
- Implement cloud-based operations via Amazon Web Services, Linode/Akamai, and Heroku.
- Prototype mobile applications with Axure for minimum viable product demonstration and user interface/user experience testing.
- Mapbox platform utilization for generation of interactive worldwide maps.
- Agile development process applied while developing SaaS application.



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## EMPLOYMENT EXPERIENCE

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### Team/Department Manager

2014-2017

*Warrior Transition Battalion, Fort Carson, United States Army*

- Managed a department of 20-36 employees in a non-traditional organization.
- First National Guard member of organization to successfully attend Advanced Leaders Course, graduating first in the class as Distinguished Honor Graduate.
- Replaced a dedicated Commander, First Sergeant, Platoon Sergeant, and Squad Leader after organization restructuring and led a complex remote care department.

### Organization Operations Trainer

2012-2014

*Arizona Pre-Mobilization Assistance Element (AZ PTAE), Arizona Army National Guard*

- Member of 9-person team responsible for the development, coordination, and execution of training based upon strategic organizational goals for both domestic and international region dependent operations.
- Planned, organized, and executed the three-day Arizona Best Warrior Competition, Successful execution resulted in selection to provide training outline, supervision and execution for teams representing Arizona in the Army's Best Ranger Competition.
- Partnered in three-person team to create and execute a two-week, residential, fitness and well-being camp. Program success led to the performance of 8 iterations and assisted approximately 800 soldiers.
- Coordinated with internal and external organizations for resource gathering, personnel acquisition, and operational funding.

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## ADDITIONAL INFORMATION

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- Security Clearance (Secret) reinvestigation completed 2018.
- 15 years of experience successfully leading teams through situations of all stress and danger levels.
- Ability to navigate uncertain situational and human terrain, demonstrated while occupying field, office, and academic environments.
- References and military performance reviews available upon request.



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