

ALEX BROWN

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Portfolio: abrowncownow.com

I am an experienced IT professional with a specialization in DevOps and Web Development. As an Army veteran holding a Top Secret Security Clearance (TS/SCI), I offer disciplined strategic decision-making skills and a strong proficiency in managing secure, scalable cloud infrastructures across AWS and Azure. CJIS certified, my extensive background spans computer hardware and business systems analysis, where I thrive in technically challenging and security-conscious environments.

DevOps Skills

AWS, Azure, Bash, Shell, PowerShell, Jenkins, CI/CD, Autoscaling, Automation, VPC, Git, Open-Source Scanning, Mend.io/Whitesource, Datadog, SonarCloud, SSL/TLS, DNS, VMs

Development Skills

Javascript ES6+, CSS3, HTML5, SQL, NoSQL, MySQL, GitHub, MongoDB, Express, React, Node, Handlebars, jQuery, Bootstrap, Bulma, Heroku, MVC

PERSONAL DEV PROJECTS

Composer Quiz abrowncownow.github.io/composer-quiz/index.html | <https://github.com/abrowncownow/composer-quiz>

- Summary: Immerses users in a pleasant and relaxing experience. Tests knowledge on classical composers and their music. Introduces users to rare masterworks.
- Role: Sole Author
- Tools: HTML, CSS, JS, jQuery, API, Google Fonts, Audacity, Colormind

ShowHero abrowncownow.github.io/event-booker/ | <https://github.com/abrowncownow/event-booker>

- Summary: SPA that lets users find local events and buy tickets. After selecting an event, they are shown bookable AirBNB rooms near the venue. Leverages multiple APIs.
- Role: Lead Developer / Git Manager
- Tools: HTML, CSS, JS, jQuery, API, Google Fonts

React Profile abrowncownow.com | <https://github.com/abrowncownow/react-portfolio>

- Summary: A dynamic React-based web page demonstrating experience.
- Role: Sole Author
- Tools: React, GitHub, CSS, Typescript

EXPERIENCE

DevOps Cloud Engineer

NeoGov / Governmentjobs.com

2023-Present

Remote

As a DevOps Cloud Engineer at NeoGov, I specialize in streamlining and automating operations across diverse cloud environments. I manage and optimize infrastructure deployments on AWS and Azure, ensuring high availability, security, and scalability. My role involves extensive collaboration with cross-functional teams to support continuous integration and deployment (CI/CD) practices, improve system performance, and enhance the overall security posture of cloud-based applications.

Key Accomplishments:

- Enhanced System Uptime: Implemented robust auto-scaling and load balancing solutions across AWS resulting in significant improvements in system uptime and response times during peak usage periods.
- Automation of Deployment Pipelines: Developed and maintained CI/CD pipelines using Jenkins, significantly reducing deployment times and minimizing human errors in production releases.
- Security Improvements: Spearheaded the integration of comprehensive security tools, including Mend.io/Whitesource for open-source scanning and SonarCloud for continuous code quality checks, leading to a reduction in security vulnerabilities.
- Cost Optimization: Conducted cost-benefit analyses and restructured cloud resource allocation, achieving a reduction in operational costs without compromising on performance or security.
- Infrastructure as Code (IaC): Successfully implemented CloudFormation (CDK & CodeBuild yaml) to automate and replicate environments, enhancing consistency and speeding up the provisioning of new infrastructure.

Engineer

2021-2023

Worldwide Tech Services

Olympia, WA

Troubleshoot and resolve hardware failures of under-warranty laptops, PCs, and tablets. Coordinate independently with end-users, businesses, and government organizations to arrange on-site service.

Key Accomplishments:

- Trained new employee to operate effectively and independently without supervision
- Resolved 1000+ hardware issues for many Departments of Washington State including DOL, DOH, DOE, DOC, DOJ, ESD, DSHS, DOR, DFW, DNR, OFM, OFI - reducing state expenditures.
- Recognized by Lenovo executives for identifying and resolving a complex GPU issue in their new line of mini-PCs.

All-Source Intelligence Analyst

2012-2015

US Army

Fort Hood, Texas

Developed strategic intelligence products leveraging space, aerial, drone, RF, electro-magnetic, and other classified assets. Presented intelligence products to leadership. Made predictions on enemy strategy. Engaged in war-gaming (simulated battle) against leadership to evaluate the effectiveness of their strategy.

Key Accomplishments:

- Awarded Army Achievement Medal for accurately predicting the location of an enemy minefield through strategic analysis and critical thinking.
- Designed and implemented a database comparison tool to optimize the tracking of personnel secret/top-secret security clearances with high accuracy; saving 30 hours/month.
- Managed the operation, maintenance, training, and safekeeping of military vehicles and classified hardware systems valued in excess of \$2.2 million.

EDUCATION

Bachelors of Arts, Cloud Computing (In Progress) - Western Governor's University	Salt Lake, UT
Certificate, Full-Stack Web Development - University of Washington	Seattle, WA
Bachelor of Arts, General - The Evergreen State College	Olympia, WA
Certificate, Space Cadre phase I & II - USAF Space and Missile Command	Fort Hood, TX

ADDITIONAL CERTIFICATES AND AWARDS

A+ - CompTIA	Online
ITIL 4 - Axelos	Online
Dell Client Foundations 2021 - Dell Technologies	Online
DSP Security and Privacy Foundations 2021 - Dell Technologies	Online
System Board DMI Programming - HP	Online
Servicing Desktops, Workstations, and Notebooks - HP	Online
Servicing Commercial Mobility Products - HP	Online
Warranty Service Repair - Lenovo	Online
Army Achievement Medal - US Army	Fort Hood, TX
Integrated Data Sources and Enhances Analytics - US Intelligence Command	Fort Hood, TX
Document and Media Exploitation and Analysis - US Army	Fort Hood, TX
Trojan Spirit Operator - US Army Intelligence School	Fort Hood, TX
Distributed Common Ground System (DCGS-A) - US Army	Fort Hood, TX
Basic Combat Training - US Army	Fort LW, MI