



Brandon D. Stout

SENIOR FULL STACK ENGINEER

CONTACT

- 304.816.6450
- bdstout1617@gmail.com
- Bridgeport, WV

STRENGTHS

- Full-stack Development SME
- Microservices SME
- Agile & SAFe Methodologies
- Test Automation & Continuous Integration
- Problem Solving & Innovation
- Learning new tech stacks

EDUCATION

Bachelor of Science | Computer Science
Bachelor of Science | Computer Security
Fairmont State University
Graduated 2012

AWARDS

- MITRE Spark, Applause
- ATSG "Rockstar"

TECH SKILLS

Languages

- Python
- Javascript
- HTML/CSS
- TypeScript
- Java
- Bash
- SQL
- C#
- .NET

Frameworks & Libraries

- Spring MVC
- Nuxt
- Vue
- Vuetify
- Quasar
- Node

Databases

- Postgres
- MySQL
- Oracle

Software Architecture

- Microservices Infrastructure
- Rest APIs

ABOUT ME

Adaptable and results-driven Senior Full Stack Engineer with extensive experience in software engineering, technical leadership, and enterprise project delivery across government, security, and commercial domains. Proven ability to quickly learn and apply new technologies, architect scalable cloud-based solutions, and drive Agile development practices. Skilled in full-stack development, microservices, CI/CD pipelines, and containerization, with a strong track record of leading cross-functional teams to deliver innovative solutions that align with organizational goals and enhance operational efficiency.

WORK EXPERIENCE

The MITRE Corporation - Senior Full Stack Engineer

May 2018 – October 2025

Served in a variety of capacities that adapted and evolved throughout MITRE career. Due to the sensitive nature of the work, this summary reflects a broad range of skills and accomplishments in advancing organizational goals and mission-critical initiatives.

- Led architecture and development of secure web applications for government sponsors, improving system performance and usability for stakeholders.
- Directed engineering efforts as team lead, achieving improvement in delivery predictability and reducing rework through effective Agile planning.
- Designed and deployed scalable microservices with Docker/Kubernetes, reducing deployment time and increasing system reliability.
- Delivered cloud-native solutions on Azure (queues, storage, auth), enabling faster data processing.
- Collaborated across cross-functional teams in SAFe/Agile ceremonies, ensuring delivery of mission-critical capabilities.
- Recognized for adaptability in rapidly learning new tech stacks, accelerating project ramp-up and reducing onboarding time.

ATSG - Senior Full Stack Engineer | Technical Lead

August 2016 – May 2018

- Designed, developed, and deployed a test automation web application adopted enterprise-wide, significantly improving efficiency.
- Trained and supported an entire testing unit in application adoption, streamlining QA and operations.
- Served as Subject Matter Expert (SME) and project liaison for external initiatives, aligning software solutions with unit objectives.
- Evaluated third-party procurements for scalability, integration, and production readiness.
- Mentored junior developers, fostering skill development and professional growth.



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SENIOR FULL STACK ENGINEER

Cloud & Infrastructure

- Azure Cloud Infrastructure
- Kubernetes Deployments
- Queue Systems

Build Tools

- Maven
- Ant

CI/CD & Version Control

- Jenkins
- Gitlab CICD
- BitBucket
- Subversion/CVS
- GIT

Project Management & Collaboration Tools

- Confluence/JIRA
- Gitlab Tickets, Wiki, etc

IDEs & Code Editors

- Netbeans
- Visual Studio Code
- Eclipse

Operating Systems

- Linux
- Windows

CERTIFICATES

- SAFe Agilist

OnWire - Senior Full Stack Engineer | Security Engineer

March 2013 – August 2016

- Modernized software development tools and practices for ongoing projects, enhancing team productivity and output.
- Standardized the Subversion Workflow for the New Uniform Crime Reporting development team, ensuring consistency and streamlined collaboration.
- Designed and implemented back-end Java code and front-end web application interfaces, delivering high-quality, user-friendly solutions.
- Increased team efficiency by developing a prototype leveraging the Spring framework.
- Contributed to Agile team development, collaborating closely to create customer-focused products and support.
- Engaged directly with customers to gather feedback and integrate end-user preferences into system design and development.
- Designed and implemented IAM Cloud front-end user interface application.
- Built Self-Service and End-User Portal using JavaScript and jQuery, integrated with IBM IAM software.
- Designed and implemented web-based GUIs using Java.
- Developed backend Java services and daemons.
- Created custom HTTP authentication modules leveraging IBM TAM API.
- Built Java regression tests for systems including ESB, IBM DataPower, DB2, and TAM.
- Deployed and configured software across diverse host environments.
- Established RBAC strategies for secure user access control.
- Installed and configured Jenkins for CI/CD across multiple environments.
- Developed custom Jenkins plugins for TAM, WebSEAL, and IBM DataPower integration.
- Authored installation, developer, and administrator manuals for ETC solutions.

DSD Laboratories (Backbone Security) - Computer Security Engineer

September 2011 – March 2013

- Built and maintained a database of 1150+ steganography applications for detection tools.
- Enhanced the Steganography Application Fingerprint Database (SAFDB).
- Developed SQL Server queries and procedures to support SAFDB improvements.
- Created Linux Bash scripts for USB partitioning and application installation.
- Developed licensing control tools integrating CodeMeter USB devices via SDK.
- Built tools to update StegAlyzerAS, SS, FS, and RTS scanners.
- Contributed to the development of StegAlyzerFS, a field triage tool for steganography detection.
- Designed a web-based monitoring system for StegAlyzerRTS network security appliances.
- Developed forensic and network security tools to detect steganography in criminal investigations.