Brandon D. Stout

SENIOR FULL STACK ENGINEER

CONTACT

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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.

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.