

# Brandon Paxton

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## Summary

As a Software Engineer III at Aviture, I work with a cross-functional team to design, develop, test and deploy innovative solutions to a wide range of complex business problems for the U.S. Air Force. I have a Secret level Government clearance and over five years of experience in full stack development using various technologies and frameworks, such as C#, SQL Server, ASP.NET, Groovy, Grails, Java, React, Node, Micronaut, MySQL, Redis, Apache Camel, and Docker.

My passion is to create user-friendly and scalable applications that meet the needs and expectations of the end-users and the stakeholders. I have built chat bots using C#, Google Cloud Platform, and DialogFlow, as well as dynamic libraries and custom search functions using React-Hook-Forms. I also actively participate in all aspects of our agile development process and utilize effective debugging techniques to identify and resolve software defects. I am always eager to learn new skills and tools to enhance my performance and deliver quality results.

## Experience

### Software Engineer III

Aviture

Jun 2023 - Present (8 months)

- Software Development with Secret level Government clearance in The Technology Applications Development and Sustainment (TADS) program for the U.S. Air Force
- Develop, test, and debug a current application called Guardian, a GPS tracking system and GUI for tracking international delegates, using Java, Typescript, React, Angular, Spring, and Kubernetes
- Engineer and design a kiosk application for CQMap, an app for service men and women to check in and out of bases when traveling, using Typescript, React, .Net core, and Vite
- Utilize effective debugging and testing techniques to identify and resolve software defects, using Jest, Vitest, React Testing Library, JUnit, and Spock

### Senior Software Engineer

Veridian Credit Union

Jan 2023 - May 2023 (5 months)

- Using C#, SqlServer, and ASP.net; Build custom integrations with 3rd party systems/APIs, design code, create relational databases, and test all projects.
- Build chatbots using c# , Google Cloud Platform, and DialogFlow.

### Senior Software Developer

Talent Plus, Inc.

Feb 2019 - Dec 2022 (3 years 11 months)

- Develop HR consulting software for clients using Groovy(with Grails)
- Create mobile first single page web applications using java, groovy, grails, Spring Boot, Spring Security, javascript, react, node, micronaut, mySQL, redis, apache camel, and Docker
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- Created dynamic library to create forms using react-hook-forms to replace Formik
- Created custom search function component using react-hook-forms and Created an async search and load function that prevented whole table from re-rendering
- Created a customized date range picker in react that worked with the advanced search form I created
- Used Java to create custom HTTP builder service to use a bit stream to retrieve an image stored on an AWS S3 bucket and attach it to an outgoing email using Postmark
- Integrated application with Calendly to add interview times to client calendars
- Integrated application with Microsoft Graph to add interview times to client calendars
- Using hibernate events, set up an async emailing service that is triggered off of new user saves
- Created Microservices using Micronaut , Java, Kotlin utilizing Reactive Hibernate, and Microstreams



## **Application Developer of Office of the Chief Information Officer**

State of Nebraska

Jan 2017 - Feb 2019 (2 years 2 months)

- Developed internal website using Java, utilized by our developers, to request new reverse proxies or update an existing one
- Developed a website using Java, Spring Framework, and Hibernate to show records of donations and how they were allocated.
- Using Access Manager create and monitor reverse proxies
- Deploy production applications to TomCat servers
- Manage e-directory by creating and maintaining LDAP scripts
- Created internal website with ASP and SQL Server database for tracking “1-800” numbers and services used by the state

- Created internal website and ticketing system using Java, Spring, and JSF to monitor proxy requests



## **Senior Data Operations Advisor**

Dell Technologies

Feb 2016 - Jan 2017 (1 year)

- Created Windows service using C# that removes client reports that have not been accessed in over 60 days from our servers
- Created website and database using .ASP and SQL Server that displays up to date information about managers and supervisors for specific departments
- Created website, database, and service using .ASP , SQL Server, and C# that monitors and shows up-to-date statuses of data files that have been sent or still need to be sent. Prompting emails to the necessary people if data transfers are late.
- Plans, organizes, and coordinates ongoing data center installations and modifications to meet current and future timelines
- Coordinate mainframe batch job schedules.
- Database administrator, deploy SQL scripts and maintain databases on SQL Server
- Change Management, checking and implementing production code through TFS
- Update existing VB.net applications to C#
- Maintained Mainframe applications and data management using DB2, COBOL, and Rex
- Compiled mainframe applications, and ran batch jobs using JCL(Job Control Language)



## **Senior IT Representative**

Nelnet

Jan 2010 - Aug 2015 (5 years 8 months)

- Interpreted, evaluated, and tested client inquiries and issues pertaining to software; determined appropriate technical function to resolve the problem.
- Troubleshoot computer related problems hindering customers from using company products.
- Documented and tracked status of client inquiries/incidents, coordinated an appropriate response, and followed up to ensure client satisfaction.
- Translated technical details into business relevant language.

## **Education**



**University of Nebraska-Lincoln**

Advertising

Studied advertising and business marketing



## **Southeast Community College**

Computer Programming

Studied web application development.



## **Doane University**

Computer Science

## **Licenses & Certifications**



**Learning Java Lambda Expressions** - LinkedIn



**CompTIA Security+ ce Certification** - CompTIA

Issued Sep 2023 - Expires Sep 2026

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**Secret Security Clearance** - United States Department of Defense

Issued Aug 2023 - Expires Dec 2025

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## **Skills**

eDirectory • HTML • TypeScript • vite • Docker Products • Python (Programming Language) •  
Kubernetes • Docker • Docker Swarm • Jenkins