J. Bryson White

Objective

To apply my skills and experience in software engineering in a challenging work environment

Experience

Spring 2025 - Present
Applied Materials - *SWE E2 (Full Stack)* - Remote

Automated application deployment with Powershell - facilitated automatic build process with Jenkins - Gave support for production systems and over 20 customer environments - Developed C# microservice based application with RabbitMQ message bus architecture - Collaborated with solutions engineers to deliver pharma logistics solutions to global manufacturers

Summer 2021 - Spring 2025
GlobalMed LLC - *SWE I (Full Stack) then SWE Integrations* - Scottsdale, AZ

Develop front-end using React - Maintain & integrate legacy Java & JQuery apps - Create middleware and server code with .NET - Hold product to STIGs set forth by the DoD - Perform R&D wrt DICOM & HL7V2 standards - Deploy cloud services enabling FHIR workflows - Develop Dockerized microservices - Aid Product Management w/ Azure Devops - Make legacy apps cloud agnostic - Design & implement an HL7V2 messaging engine using AWS SQS and MongoDB - Led scalability uplift initiative - designed, managed, and owned development of our company's first EHR integration - Led scalability initiative - Spearheaded company's first EHR integration

Fall 2019 - Summer 2020
Clarksville Geographic Information Services - *SWE Intern* - Clarksville, TN

Developed GIS Python application using Tensorflow - Refined machine learning model analyzing parking lot security footage - Cleaned & hosted large datasets - Used github source control

Education

Fall 2019 - Winter 2021
Austin Peay State University, Clarksville TN - *B.S., Computer Science,* GPA 4.0 - Magna Cum Laude - Conc. Information Assurance & Security

Fall 2012 - Spring 2017
University of Tennessee, Knoxville - *B.S., Chemistry,* GPA 3.7 - Summa Cum Laude

Skills
>Development of applications with C#, Java, Python, and multiple Javascript frameworks (React, React Native, Next, Expo, Bootstrap, and JQuery)
>Creation of software architecture using Reactive services and Restful APIs, and message bus
>Development of Azure & AWS Cloud Infrastructure with CI/CD Pipeline deployment
>Design of scalable software architecture - cloud based, traditional, or cloud agnostic
>Authorship of user stories, tasks, design documents, and software requirements
>Problem solving with data science and analytics tools such as R, pandas, and numpy
>Communicating analytical results through paper, presentation, graphics, and meetings
>Actively running / maintaining a business
>Knowledgeable in the fundamentals of cybersecurity
>Fostering a strong team environment with an Agile development cycle
>Procurement of software dependencies - seen savings of 50%

Personal Attributes
>Active learner, good communicator, motivated team member, experienced teacher
>Inquisitive nature, engaging personality, active listener, diverse interests