BRYNNA WATRING

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RELEVANT EXPERIENCE

Federal Software Engineer Analyst   September 2024 - Present
Federal Software Engineer Associate   September 2023-September 2024
Accenture Federal Services

- Developed, troubleshooted, and maintained a complex web application's software, utilizing **Java**
- Wrote **Junit** tests for 100+ files of existing transform/services layers of code that ensured functionality
- Built a **Restful API** utilizing **Spring Boot** with a microservices architecture
- Configured, built, and tested the application and technical architecture components
- Followed security coding practices to ensure the application is free of common coding vulnerabilities
- Adhered to best practices for code quality, performance, and security while actively participate in code reviews to ensure high standards
- Helped write application that sent out up to 500,000 letters daily
- Work with other developers, designers, and architects to make sure that the configuration and custom components meet performance goals
- Implemented sophisticated algorithms and data structures in complex systems
- Fixed any defects and performance problems discovered in testing via debugging
- Documented the application and database to facilitate specific maintenace as needed

Intern- UTSA/ UTS Endpoint Systems   January 2023-May 2023
University of Texas-San Antonio

- Configured and Automated powershell script process using **Powershell** and **YML** files
- Desktop configurations, **System Imaging, Shell Scripting** and **Automation, Software License Servers, Active Directory Modifications**

SKILLS

- Foundational knowledge of: Angular | Python | **Java** | **JavaScript** | Unix/Linux | PHP | HTML | **SQL**
- Libraries / Frameworks: Javascript | **React** | **Spring Boot**
- Databases: **MySQL**
- Fluent in English and American Sign Language

EDUCATION   May 2023
University Of Texas - San Antonio   GPA: 3.5/ 3.6
Bachelor's of Science In Computer Science - Concentration in Software Engineering

- Honors: Honor's Society (7 semesters)
- Notable Coursework: Cloud Computing, Operating Systems, Enterprise Software Engineering, Software Engineering, Database Systems, Analysis of Algorithms, Application Programming, User Interfaces, Advanced Software Engineering, Intro to Cybersecurity, Cryptography, Secure Software & Dev Analysi

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PERSONAL PROJECTS
Black Box API Middleware   August 2022- December 2022

- Created a **phpmyadmin** database and used **PHP** to grab files from another database website that represented a black box, we were to store/sort the files in our phpmyadmin database
- Utilized **cron jobs** to automatically perform the file grab at set times everyday

210SA E-commerce Website   August 2021 - September 2021

- Worked with **MongoDB**, **Express**, **React** and **Node,js(MERN)** to create a functional ecommerce website

Smart Mart/ Penne Pal Application   August 2021 - September 2021
- Utilized **Java**, **JavaFX**,**MERN** stack and Scene builder to devise an application with a user database that helps users organize grocery lists of database that scanned from 100 inputted csv files

HONORS/ACTIVITIES

- Enrolled in Codepath, Resume Builder, and Virtual Career Fair Annual Hackathons
- ACM Valued Member (August 2020- Graduate)   • CODEPATH TIP (Summer 2023)
- Honors: Honor's Society
- Astronomy Club (May 2019 - Graduate)