

# Joshua Roundy

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## WORK EXPERIENCE

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### Software Engineer III

Jan 2025 - Present

USAA

San Antonio, TX

- Developed production-level code as a backend **GO, Java, and Terraform AWS engineer** for **10+ RESTful projects**, leveraging AWS services such as **Step Function, Lambda, and API Gateway**, utilizing technologies including **Spring Boot, Kafka, and Snowflake**, and the real-time analytics services **DataDog and Kibana**.
- Contributed to high-level discussions on **improving anti-fraud technology** in the bank, which monitors fraud for **9+ million members**.
- Completed an average of **8.6** story points per sprint, exceeding the team's expectations by over **two points**.

### ITS 2 Software Engineer

Aug 2024 - Jan 2024

New York State Office of Information Technology Services

Albany, NY

- Reduced database fix wait times by over **75%** by developing a full-stack **.NET** web application that automated the fixes for common Child Protective Services case configuration errors, **removing the need for manual DBA approval**.
- Helped decrease annual fixed costs by over **\$40,000** by rewriting four **Micro Focus COBOL** batches into new **.NET Core** applications.

### Software Engineer Intern

May 2024 - Aug 2024

USAA

San Antonio, TX

- Improved the end-user experience by developing a **service layer and REST client** to support USAA's transition to **Google's email unsubscribe guidelines**, impacting **2+ million members** in collections.
- Cut manual workload and future staffing costs** by developing a **Snowflake-integrated** work item batch library that enables developers to **automate repetitive tasks** and resolve database errors automatically.

## EDUCATION

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### University at Albany

Aug 2021 - Dec 2024

BS, Computer Science — **3.47/4.0**

Albany, NY

## PROJECTS

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### Cherry - [Link](#) - [GitHub](#)      Spring Boot | React.js | Chart.js | PostgreSQL | AWS | GitHub | REST API

- Developed a meal-tracking web app that simplifies calorie and protein tracking by using the **OpenAI API** to interpret natural language food descriptions, eliminating the need for complex menus or manual searches.
- Features **weekly, monthly, and yearly** graphs for users to easily view their calorie, protein, and weight progress.
- Deployed to an **AWS free tier account** utilizing services including **EC2, CloudFront, S3, RDS** and **Route 53**.

### Interpreter - [Video](#) - [GitHub](#)

Java | GitHub | Custom Programming Language

- The **Lexer, Parser, and Interpreter** for my programming language "Shank".

### Portfolio Website - [Link](#) - [GitHub](#)

React.js | Vite.js | Tailwind CSS | GitHub

- Modern portfolio website showcasing my experience and select projects.

## SKILLS

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**Languages:** Java, Go, C#, HTML/CSS, JavaScript, SQL, PL SQL, COBOL

**Technologies:** AWS, Git, JIRA, Postman, REST & SOAP APIs, React, Agile/Scrum, Azure, Figma, DataDog

**Frameworks:** Terraform, Spring Boot Web, Spring Boot Batch, Microsoft .NET, JUnit, Mockito