CHANDLER KLEIN

kleinc16@gmail.com | chandlerklein.com | github.com/chandlerklein

EXPERIENCE

Full Stack Software Developer   March 2022 – Present
FedEx Services   *Memphis, TN*
- Added messaging app file processing functionality to efficiently notify hundreds of FedEx locations

Software Engineer   April 2021 – March 2022
Shelter Mutual Insurance   *Columbia, MO (Remote)*
- Developed RESTful cloud native applications using Spring Boot to process users' financial data
- Built and deployed high-volume (100K+) batch processes utilizing Spring Batch, SQL, and RabbitMQ
- Documented integration of Spring Metrics and Grafana for application monitoring
- Expanded team's knowledge of functional Spring Cloud Stream configuration for listener applications

Web Technologies Teaching Assistant   January 2020 – May 2020
Western Michigan University   *Kalamazoo, MI*
- Graded and gave feedback on tests, quizzes, 150 assignments, and 48 web projects
- Provided students with materials covering HTML, CSS, JavaScript, PHP, and SQL

EDUCATION

Western Michigan University   Kalamazoo, MI
Bachelor of Science in Computer Science   *September 2017 – December 2020*

PROJECTS

Form Digitization System | *Android, Java, Gradle, Linux*
- Designed and developed an Android application to securely fill out neuropsychology patient forms
- Used open source JSON libraries to dynamically generate documents
- Wrote a 25 page report covering requirements, analysis, and system design decisions
- Enabled handwriting recognition support by integrating MyScript technology

Message Queue Processor | *Spring Boot, Spring Cloud, RabbitMQ, Docker*
- Created a Spring Boot app to demonstrate modern, efficient processing of RabbitMQ messages
- Utilized Spring Cloud Function to make code more readable and maintainable

ExpenseTracker Application | *Spring Boot, Angular, SQL*
- Created a full-stack web application to track monthly expenses
- Used Spring Data to build simple and maintainable endpoints
- Designed front end user interface using Angular and Bootstrap

Rosalind Bioinformatics Solutions | *Python*
- Solved Rosalind problems using Python and bioinformatics packages

TECHNICAL SKILLS

Languages: Java, Kotlin, Python, TypeScript, SQL
Frameworks: Angular, JUnit, Mockito, Spring Boot
Other: Docker, Git, IntelliJ, Jenkins, Pivotal Cloud Foundry, Postman