

Simon Theuer

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Professional Experience

Capital One | Senior Software Engineer | Chicago, IL

August 2022 - Present

- Designed, developed, and tested an asset verification Python Lambda that allows customers flagged for asset screening to verify their asset amounts via document uploads.
- Developed and supported several AWS Fargate Spring Boot backend applications using Java and Kotlin which service 100k credit authorizations and 400k income updates.
- Implemented a centralized metrics tracking dashboard to track API performance, uptime, and business benchmarks using SQL, Splunk, and New Relic queries resulting in more trackable KPIs and OKRs.

Fast Enterprises | Implementation Consultant | Tumwater, WA

July 2021 - April 2022

- Developed a program to fix production data in Visual Basic by sorting and appending related customer information improving end-user productivity by 20%.
- Built reports that summarize information on customer visits, account balances, and business license applications using SQL resulting in 45% faster access to info.
- Coordinated with several stakeholders on feature request details, end-user use cases, and technical requirements through clear written and verbal communication yielding faster ticket completion.

Software Project Experience

YouQueue | Java

- Developed Android App where users add songs to a Spotify “party queue” using Android Studio and Java creating a unique mobile user experience.
- Implemented the Spotify SDK and web API’s authentication, play/pause, and search endpoints into the app yielding the ability to queue and search for songs

What’s Up Is Down | C#, Unity

- Built 2D-Platformer game from the ground up using Unity and C# featuring world rotation, rotating platforms, and item collection.
- Programmed scripts for rotating platforms, coin and gem collection, and end portal providing key tools to level design and puzzle creation.
- Utilized software engineering concepts such as agile development, version control, and automated testing boosting productivity during development.

Education

University of Wisconsin-Madison | Madison, WI

May 2021

Bachelor of Science: Computer Sciences

- Relevant Coursework: Artificial Intelligence, Matrix Methods in Machine Learning, Algorithms, Data Structures, Software Engineering, Cryptography, Foundations of Mobile Systems Fundamentals

Skills

Programming Languages/Frameworks: Java, Python, GraphQL, Kotlin, SQL, C#, Node.js, JavaScript, HTML

Databases: DynamoDB, AWS RDS, Microsoft SQL Server, SQLite

Development Tools/Platforms: Docker, Databricks, Snowflake, Jenkins, Splunk, New Relic, Git

Certifications: AWS Certified Solutions Architect, Apollo Graph Developer