

# Cameron L. Mathis

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## EDUCATION

Auburn University 2017–2021

Bachelor of Software Engineering | Magna Cum Laude | GPA: 4.0

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## EXPERIENCE

NCR Corporation 2021–Current

*Software Engineer II*

- Spearheaded the development of data extraction and ingestion workflows, resulting in the delivery of cleansed and enriched transaction data to a vast user base of over 18 million Digital Banking customers.
- Proactively managed project timelines by collaborating closely with vendors and clients, providing regular progress updates, resolving bottlenecks, and offering innovative solutions.
- Played an integral role in driving agile project management processes, including leading agile ceremonies, facilitating work prioritization, and effectively delegating tasks to cross-functional development teams.

*Software Engineer I*

- Supported the successful migration of the Digital Banking department from an on-premise data center to the Google Cloud Platform (GCP) by designing and developing full-stack web applications.
- Led a team of interns, guiding them in the development and design of a cutting-edge platform backend (BFF) that served as a prototype for a department-wide initiative aimed at redefining the online banking platform.
- Demonstrated proficiency in maintaining and deploying diverse system components, utilizing Continuous Integration/Continuous Deployment (CI/CD) pipelines. Collaborated closely with Site Reliability Engineers (SRE) and the Change Advisory Board (CAB) to ensure seamless operations.

AngelTrax Mobile Video Surveillance Solutions 2019

*Software Developer*

- Identified critical issues in the production system by creating comprehensive unit tests for multiple pre-existing Node.js applications.

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## PROJECTS

Data Cleansing and Enrichment 2023

Designed and implemented an optimized workflow to enhance transaction data for Digital Banking users. Employed Apache Beam batch dataflows to extract data from a NoSQL database, and stored it in a storage bucket. Leveraged Cloud functions for seamless data transfer to and from a third-party vendor for cleansing and enrichment. Utilized Apache Beam streaming dataflows to process and write the cleansed and enriched data to a NoSQL database.

Tac.io 2022

Developed and deployed a real-time multiplayer Tic Tac Toe Web Application using React.js and Firebase, enabling users to sign in via Google, create or join games, and play with friends, resulting in increased user engagement and retention. The application is hosted in the Cloud and maintained using a CI/CD pipeline.

Sudoku Solver 2020

Developed a Python program utilizing a backtracking algorithm to read Sudoku puzzles from a text file, effectively solve them, and display the solutions in the terminal.

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## PROFICIENT IN

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| • Java       | • Python | • React |
| • JavaScript | • HTML   | • CSS   |
| • SQL        | • Docker | • Git   |