

# Cameron L. Mathis

Software Engineer

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## Education

### Auburn University Auburn, Alabama

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

## Skills

Java	■■■■■	Python	■■■□□	JavaScript	■■■□□
HTML	■■■□□	CSS	■■■□□	React	■■■□□
SQL	■■■□□	Docker	■■■□□	Git	■■■□□

## Work Experience

### NCR Corporation Software Engineer II ( 2023 - Current)

- Provided cleansed and enriched transaction data to over 18 million Digital Banking users as the lead developer on data extract and ingest workflows.
- Ensured deadlines were met, by coordinating with vendors and customers to present progress, remove roadblocks, and propose solutions.
- Assisted in leading agile ceremonies, prioritizing work, and distributing tasks to fellow developers.

### NCR Corporation Software Engineer I ( 2021 - 2023)

- Helped migrate the Digital Banking department to Google Cloud Platform (GCP) from an on-premise data center by collaborating with a cross-functional team to design and develop full-stack Web Applications.
- Led a team of interns to develop, document, and design a new platform backend (BFF) that would become the prototype for a department initiative to redesign the online banking platform.
- Maintained and deployed various components with CI/CD pipelines by collaborating with SRE and the Change Advisory Board.

### AngelTrax Mobile Video Surveillance Solutions Software Developer (2019)

- Identified several bugs in the production system, by developing unit tests for several existing node.js applications.

## Projects

### Data Cleansing and Enrichment 2023

Developed an outbound and inbound workflow to provide cleansed and enriched transactions to Digital Banking users. This project used Apache Beam batch dataflows to extract data from a NoSQL database and write it to a storage bucket. Cloud functions were used to push and pull data to a third-party vendor to be cleansed and enriched. Once received, the cleansed and enriched data would be processed and written back to a NoSQL database using an Apache Beam streaming dataflow.

### Tac.io 2022

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

### Sudoku Solver 2020

Developed a Python program that reads Sudoku puzzles from a text file, solves them, and prints the solution to the terminal by using a backtracking algorithm.