

Samira Ray

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Summary

Data science student and aspiring full-stack developer with hands-on experience building end-to-end web applications using React, Node.js/Express, and SQL. Skilled in transforming raw data into interactive dashboards and shipping production-ready features from database schema through deployment. Brings 4+ years of customer-facing data and process experience, seeking to apply strong analytical and problem-solving skills in an entry-level software development or analytics engineering role.

Technical Skills

Python | JavaScript/TypeScript | React | Node.js/Express | SQL | SQLite | HTML/CSS | Tailwind CSS | Git/GitHub | R | pandas | scikit-learn | Google Apps Script | REST APIs | Data Visualization | Power BI | Microsoft Excel | CRM Systems | BigQuery

Education

University of Phoenix, Phoenix, AZ

Bachelor of Science (BS), Data Science, *Expected June 2027*

Relevant Coursework: Statistical Analysis | Machine Learning | Database Systems | Data Visualization

Key Projects

PageKeeper — Personal Library & Reading Tracker

A full-stack web app for organizing a personal book collection across Wishlist, Currently Reading, Finished, and DNF stages, with automatic cover lookups and Goodreads import.

- Designed the data schema and built the full stack end-to-end — React/TypeScript frontend, Node.js/Express backend, and a SQLite database managed with Drizzle ORM.
- Implemented Goodreads CSV import with deduplication, a genre-aware rating calculator, and automatic cover art lookups via the Google Books API, plus a fully responsive, dark-mode-ready interface tested across desktop and mobile.

Dataset Explorer — CSV Analytics Dashboard

A data analysis tool that automatically profiles any uploaded CSV, computing summary statistics and rendering interactive charts to speed up exploratory data analysis.

- Built a CSV parsing and statistics engine in TypeScript that infers column types (numeric, categorical, boolean, date) and computes mean, median, standard deviation, and histograms.
- Developed an interactive React dashboard (Recharts) with a correlation explorer, column-level stat cards, and a searchable preview table, backed by an Express + SQLite + Drizzle ORM API with Zod validation.

Experience

Aristocrat Interactive, Lansing, MI

June 2026–Present

Customer Service Representative

- Resolve multi-channel customer support inquiries for Aristocrat's lottery gaming products, troubleshooting technical issues across computers, smartphones, and tablets.
- Process and document customer account updates with precision, independently resolving service escalations to meet regulated gaming compliance standards.

Zoro US,

November 2022–May 2026

Customer Service Associate

- Engineered automated tracking databases and spreadsheets using Google Apps Script and HTML, streamlining reporting processes and enhancing data accuracy.
- Developed SQL ETL pipelines and optimized dashboards to clean, integrate, and translate complex datasets into actionable insights for stakeholder decision-making.

