Sherri Baker

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EDUCATION

Gill, Romero and Rodriguez University   West Kathryn, WI

B.Sc in Computer Science
2020 - 2022 / GPA: 3.61
Dean-s List - Fall (2024)
Relevant Coursework: Git, Git, Flask, Node.js, Java

Evans, Fowler and Lynch School   Natashaport, India

Grade 12(CBSE) - Year of Completion (2020) - GPA 3.24
Grade 10(CBSE) - Year of Completion (2016) - GPA 3.38

EXPERIENCE

Software Engineer Intern   Jun 2023 - Sep 2025

Morse PLC

Led the migration of a monolithic backend to a microservices architecture using Node.js and Docker. Developed internal CLI tools for deployment automation and monitoring services.

Software Engineer Intern   Jun 2024 - Sep 2024

Haynes-Watson

Created and maintained a scalable chatbot system using LangChain and pgvector. Integrated the chatbot with a product FAQ database and fine-tuned the retrieval system using semantic search.

Data Science Intern   May 2023 - Sep 2024

Miller, Davis and Anderson

Collaborated with a team of developers to build scalable REST APIs for a financial application using Django and PostgreSQL. Led the implementation of authentication and authorization workflows and optimized complex queries to enhance performance by 40%.

SKILLS

Java, PostgreSQL, HTML/CSS, React, SQL

PROJECTS

- Engineered a facial recognition-based attendance system using OpenCV and Python, with attendance data logged in a MySQL database. Also developed a GUI using Tkinter for admin operations and reports.
- Developed an e-learning platform with user sign-up, video lessons, and real-time quizzes using Firebase for backend services and React for the frontend. Deployed to Firebase Hosting and integrated email

notifications.

- Built a real-time chat application using React, Node.js, and WebSocket that supports private messaging, typing indicators, and emoji reactions. Deployed the app on Vercel with authentication handled by Firebase.