

Emily Fischer

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EDUCATION

Salazar-Ball University

Lake Michelle, KS

B.Tech in Information Technology

2020 - 2025 / GPA: 3.29

Dean-s List - Winter (2025)

Relevant Coursework: PostgreSQL, AWS, SQL, PostgreSQL, Node.js

Simmons, Meadows and Griffin School

West Scott, India

Grade 12(CBSE) - Year of Completion (2019) - GPA 3.66

Grade 10(CBSE) - Year of Completion (2016) - GPA 3.15

EXPERIENCE

Data Science Intern

May 2024 - Sep 2025

Williams Group

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.

Full Stack Developer

Jun 2023 - Sep 2024

Jackson PLC

Implemented a real-time data pipeline using Kafka and Python for a logistics company to track shipments. Integrated with internal analytics tools and reduced data latency by over 60%.

Software Engineer Intern

Jun 2024 - Sep 2024

Underwood-Foster

Implemented a real-time data pipeline using Kafka and Python for a logistics company to track shipments. Integrated with internal analytics tools and reduced data latency by over 60%.

SKILLS

Java, MongoDB, HTML/CSS, Python, PostgreSQL

PROJECTS

- 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.
- Designed and developed an online bookstore REST API using Django, Django REST Framework, and PostgreSQL. Implemented search, filtering, and pagination with token-based authentication and role-based access.

- Created a responsive personal finance tracker web app using Flask and Chart.js. Users can categorize expenses, generate monthly reports, and visualize spending trends with dynamic charts.