Seth Brock

001-838-638-4066x6580 | james73@bush.net | linkedin.com/in/kimberlybrandt | github.com/shane12

EDUCATION

Mccarty-Taylor University   Coffeyside, CO

B.Sc in Information Technology

2018 - 2024 / GPA: 3.23

Dean-s List - Spring (2022)

Relevant Coursework: PostgreSQL, Python, Django, Node.js, Spring Boot

Dalton Ltd School   Brendastad, India

Grade 12(CBSE) - Year of Completion (2019) - GPA 3.08

Grade 10(CBSE) - Year of Completion (2014) - GPA 3.23

EXPERIENCE

Data Science Intern   May 2023 - Aug 2024

Johnson, Guzman and Mccall

Redesigned the UI of a legacy application using React and Tailwind CSS, improving usability and accessibility. Conducted A/B testing and user feedback sessions, resulting in a 25% increase in user engagement metrics.

Full Stack Developer   May 2024 - Sep 2025

Walker, Cunningham and Zuniga

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.

Backend Developer   May 2023 - Sep 2025

Rivera Inc

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.

SKILLS

AWS, HTML/CSS, Django, Node.js, React

PROJECTS

- 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.

- 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.

- 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.