

Matthew Foster

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EDUCATION

Ellis, Baker and Wright University

Coxberg, NM

B.E in Computer Science

2021 - 2022 / GPA: 3.55

Dean-s List - Winter (2024)

Relevant Coursework: Java, Python, Java, Spring Boot, PostgreSQL

Ryan, Burgess and Patterson School

Carlsonfurt, India

Grade 12(CBSE) - Year of Completion (2017) - GPA 3.58

Grade 10(CBSE) - Year of Completion (2013) - GPA 3.05

EXPERIENCE

Frontend Developer

Jun 2024 - Sep 2024

Moreno and Sons

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%.

Full Stack Developer

Jun 2024 - Sep 2024

Vasquez-Brown

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

May 2023 - Aug 2025

Dawson Inc

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

PostgreSQL, SQL, Node.js, Spring Boot, HTML/CSS

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.
- 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.

- 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.