Wesley Baker

Software Developer | Data Analyst | Backend Specialist

Summary

Computer Science graduate with software development emphasis, combining strong technical foundations with practical experience in API development, data science, and full-stack application development. Proven ability to solve complex problems through elegant code solutions, from building social media APIs to developing predictive machine learning models. Experienced in agile methodologies and collaborative development environments, with a track record of leading technical teams and delivering functional digital products that address real-world challenges.

Education

Freed-Hardeman University, Henderson, TN | GPA: 3.8 | August 2021 - May 2025

- Bachelor of Science (B.S.) in Computer Science (emphasis in software development)
- Bachelor of Arts (B.A.) in Biblical Studies (emphasis in apologetics)

Technical Projects

Social Media Application Development - "BeKindly" | Class Project | 2023-2024

- Developed RESTful API endpoints for a demo social media platform using Express
- Collaborated in agile development team using Kanban methodology for project management

Service Connection Platform - "SendMe" | Backend Lead | January 2025 -May 2025

- Leading backend architecture and database design for platform connecting volunteers with service opportunities
- Coordinating authentication systems, database design and access, and user profile management
- Serving as technical liaison between project managers and multiple development teams

NCAA Basketball Tournament Prediction Model | Data Science Project | 2023

- Built machine learning model using scikit-learn and Random Forest algorithm to predict tournament outcomes

- Analyzed historical team performance data and statistical indicators for predictive accuracy

- Demonstrated practical application of supervised learning techniques in sports analytics

Global Life Expectancy Analysis | Data Analysis Project | 2024

- Conducted comprehensive analysis of life expectancy factors across multiple countries using pandas and NumPy

- Processed and visualized international demographic and health data to identify key correlations

- Applied statistical analysis techniques to extract meaningful insights from complex datasets

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Professional Experience

Teacher's Assistant | Freed-Hardeman University, Henderson, TN | September 2024 – May 2025

- Review and evaluate coding assignments, database implementations, and unit tests for functionality

- Grade assignments efficiently while maintaining quality standards

Independent Data Contractor | Appen, Remote | June 2024 - Present

- Deliver accurate data annotation and rating services under strict time constraints

- Follow detailed guidelines to ensure high-quality data processing for AI/ML applications

Cafeteria Operations | Freed-Hardeman University, Henderson, TN | September 2022 - May 2024

- Coordinated team operations in fast-paced, detail-oriented environment

- Developed strong communication skills working effectively in diverse team settings

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Leadership & Achievements

Backend Technical Lead | University Development Project | January 2025 - Present

- Managing database architecture and backend integration for multi-team development project

- Coordinating technical decisions and ensuring seamless collaboration across development teams

Eagle Scout Community Service Project | January 2019 - July 2019

- Planned and executed volunteer landscaping project leading 30+ participants at age 16

- Demonstrated project management and leadership skills in community service context

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Technical Skills

Coding Languages: Python, C#, Java, JavaScript, HTML, CSS, SQL
Frameworks & Tools: FastAPI, React, TanStack Router, Git, pandas, NumPy, scikit-learn
Databases: SQL Server, MySQL, PostgreSQL, database design and optimization
Development Methodologies: Agile, Kanban, version control workflows
Data Science: Machine learning model development, statistical analysis, data visualization
Additional: Bilingual (Spanish), API development, generative AI integration

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Awards & Recognition

- **Eagle Scout** - Highest rank in Boy Scouts of America

- **Dean's List** (6 times) and **President's List** (2 times) for academic excellence

- **Engaged Learning Initiative Grant** – Secured funds to further education in Latin American culture

- **Student Government Representative and Historian** - Elected leadership position

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Available: October 2025 | **Location:** Open to Los Angeles area and remote opportunities