

# Brian Pizzimenti

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## EDUCATION

<b>Western Governors University</b> <i>Bachelor of Science in Computer Science</i>	January 2024 – September 2026 <i>Salt Lake City, UT (Remote)</i>
<b>University of California at Los Angeles</b> <i>Certificate in Full Stack Web Development</i>	September 2023 – January 2024 <i>Los Angeles, CA</i>
<b>Linux Essentials</b> <i>Linux Professional Institute</i>	January 2026 – February 2026 <i>Remote</i>

## EXPERIENCE

<b>Freelance Software Developer</b> <i>Self-Employed</i>	April 2024 – Present <i>Remote</i>
<ul style="list-style-type: none"><li>• Currently building an AI compliance tool (Python, scikit-learn) for special education directors</li><li>• Built a school enrollment report scraper (Python, Streamlit) using OCR parsing and XLSX file generation</li><li>• Built a Google Sheets solution (JavaScript) to automate Little League scheduling and alerts</li></ul>	
<b>Quality Assurance Analyst, Content Moderation</b> <i>TrustLab</i>	February 2021 – June 2024 <i>Remote</i>
<ul style="list-style-type: none"><li>• Performed quality assessment by evaluating moderation for compliance with platform policies</li><li>• Utilized internal tools to track precision and recall</li><li>• Moderated various content across multiple platforms, including Facebook, TikTok, and LinkedIn</li><li>• Collaborated with a global team via Slack and Google Meet</li></ul>	
<b>Producer/Audio Engineer</b> <i>Self-Employed</i>	July 2019 – August 2024 <i>Remote/Studio</i>
<ul style="list-style-type: none"><li>• Produced, recorded, and mixed audio for independent artists</li><li>• Delivered polished, professional audio using tools like Pro Tools and FL Studio</li><li>• Managed multi-studio signal routing using outboard gear</li></ul>	

## PROJECTS

<b>Semantic Book Recommender</b>   <i>Python, LangChain, Gradio, Pandas</i>	July 2025 – September 2025
<ul style="list-style-type: none"><li>• Built a content-based book recommender using vector embeddings and LLMs</li><li>• Processed a 7K+ book dataset and implemented semantic search with LangChain</li><li>• Used OpenAI and Hugging Face models for zero-shot classification and emotion-based filtering</li><li>• Developed an interactive front end using Gradio</li></ul>	
<b>Employ Ease</b>   <i>JavaScript, Node, React, MongoDB, Express, GraphQL, Tailwind</i>	October 2023 – November 2023
<ul style="list-style-type: none"><li>• Developed a full-stack web application using the MERN stack that tracks job applications</li><li>• Implemented JWT authentication</li><li>• Implemented a reactive map using Leaflet</li><li>• Collaborated with 3 other developers using git/GitHub</li></ul>	
<b>Fithub</b>   <i>Handlebars, JavaScript, Node, Express, MySQL, Bootstrap</i>	September 2023 – October 2023
<ul style="list-style-type: none"><li>• Developed a full-stack social media application centered on fashion</li><li>• Implemented responsive design using CSS and Bootstrap</li><li>• Implemented CRUD functionality for user accounts and posts</li><li>• Deployed application with Heroku and managed backend routes</li></ul>	

## TECHNICAL SKILLS

<b>Languages:</b> JavaScript, TypeScript, Python, C#, Java, SQL (MySQL), HTML/CSS
<b>Frameworks &amp; Libraries:</b> React, Next.js, Node.js, Express.js, Flask, FastAPI, jQuery, Handlebars, WordPress, Bootstrap, Tailwind, Material-UI, pandas, NumPy, GraphQL
<b>Developer Tools:</b> Git, GitHub, npm, Insomnia, Postman, Docker, VS Code, PyCharm, IntelliJ, Cursor, Visual Studio
<b>Cloud &amp; Deployment:</b> AWS, Google Cloud Platform, MongoDB Atlas, Render, Heroku, Netlify
<b>AI/ML Tools:</b> OpenAI API, LangChain, Hugging Face Transformers, Gradio, scikit-learn, FAISS