Elizabeth Taylor

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SUMMARY

A Boston Conservatory violinist transitioning to software engineering. Self-taught coder and internship experience with React, Python, and data analysis. Actively shifting careers and enhancing coding skills.

EDUCATION

Boston Conservatory at Berklee Sept 2021 - Dec 2025 (expected)

- **Major: Violin Performance** | GPA: 3.9/4.0 *Boston, MA*

EXPERIENCE

Jreamscape LLC - Software Engineer Intern Sept 2023 - Dec 2023

React / Python / MoviePy / Azure *Boston, MA*

- Full-stack builder of web application that auto-summarizes key points from real-time audio of business meetings and interviews.
- Incorporated ChatGPT API to enable contextual conversations and devised a summarization method for lengthy texts, handling max token limits by locally splitting the text and creating concise summaries of one paragraph or less.
- Launched the Ms Voice service to facilitate speech-to-text conversion and seamlessly integrated DynamoDB for efficient data storage and retrieval.

SKILLS

- Languages: Python, TypeScript/JavaScript, Swift
- Libraries and Frameworks: Fastapi, React, Next.js, Sklearn, React Native, Pandas, Numpy
- Tools and Software: AWS, Azure, Docker, Tailwind CSS, SQL, Git, Node.js, HTML

PROJECTS

Media Bro

- Developed a video processing website using Next.js, React, Firebase, and FFmpeg Web Assembly, offering functions like video-to-GIF conversion, format conversion, transcription, and watermarking.
- Deployed the Whisper Model on AWS to enhance the platform's capabilities.

Cover Letter Bro

- Created and launched an AI cover letter generator website with Next.js, Vercel and Firebase.
- Featured with modern UI design, message streaming, user authentication and SEO optimization.

Personal Blog

- Developed a personal blog using Next.js, Tailwind CSS, and TypeScript for a modern and responsive design.
- Hosted the blog on Netlify for seamless deployment and accessibility.