

# Elizabeth Taylor

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## SUMMARY

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Despite my unconventional educational background, my relentless self-teaching and practical application of software development principles underscore my potential in this field. I am actively seeking internship opportunities to further refine my skills and prove my commitment to excelling in software development. Your investment in my unique journey promises to yield a unique perspective and an unwavering drive to succeed.

## EDUCATION

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### Boston Conservatory at Berklee

Sept 2021 - Dec 2025 (expected)

Boston, MA

- Major: Violin Performance | GPA: 3.9/4.0
- Featured twice in the conservatory's Honors Recital
- Held Principal Chair as an underclassman violinist among graduates and doctorates

Udemy: [The Web Developer](#) and [Django with React | An Ecommerce Website](#) Bootcamps

Completed Oct 2023

## EXPERIENCE

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### Jreamscape LLC - Software Engineer Intern

Sept 2023 - Dec 2023

React / JavaScript / MoviePy / Azure

Boston, MA

- Full-stack builder of a 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.

## ORGANIZATIONS AND SKILLS

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- **Organizations:** Women in Tech, Girls Who Code
- **Languages:** Python, TypeScript/JavaScript, Dart
- **Libraries and Frameworks:** Fastapi, Django, React, Next.js, Flutter, Sklearn, React Native, Pandas, Numpy
- **Tools and Software:** AWS, Azure, Docker, Tailwind CSS, MySQL, Git, Node.js, HTML
- **Youtube Channel:** [Code-a-Cola](#) delivering fast-paced web development content and tutorials

## PROJECTS

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### [VoiceNote](#)

- Developed iOS mobile note-taking app that offers audio recording, voice-to-text transcription, and customizable note editing
- Optimized memory usage by seamlessly integrating Rust bindings derived from the Whisper.cpp model.
- Established secure user authentication and implemented backend services through Firebase to enhance the app's functionality.

### [Cloudless Convert](#)

- Designed and developed a web assembly-powered website supporting a wide range of features, including audio, video, and image format conversion, file compression, video editing, and watermarking. The platform also offers batch processing capabilities.
- Enhanced frontend application built with Next.js and React by resolving bugs, introducing new features, and crafting the user interface.
- Implemented user authentication and Firebase data storage.
- Deployed OpenAI Whisper model Python bindings on an AWS EC2 Ubuntu instance using FastAPI, Nginx, and OpenSSL.
- Enhanced SEO ranking using Next.js and integrated Sentry for error and performance monitoring.

### [Cover Letter Bro](#)

- Built an AI cover letter generator website using Next.js, React, and TypeScript. Included features such as message streaming, and designed a modern UI with Shadow and Tailwind CSS.
- Created user authentication, stored website data in Firebase, and incorporated infinite scroll functionality.
- Boost SEO ranking using Next.js and improved prompt quality with Langchain.

### [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.