Ike Byers

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SUMMARY

Aspiring software engineer with a strong foundation in full-stack web development and a background in music production, recording engineering and project management. Passionate about building intuitive and efficient applications that solve real-world problems. Skilled in creative problem-solving, teamwork, and adapting to new technologies quickly.

TECHNICAL SKILLS

JavaScript (ES6+)	HTML5/CSS3	Node.js	PostgreSQL	REST APIs
TypeScript	React	Express	MongoDB	Github

PROJECTS

Playlist Persona – **Personalized Playlist Generator**
- Summary: Designed an app using **OpenAI API** to analyze user inputs for mood and preferences that generated personalized music playlists, integrating **Google APIs** to retrieve music metadata and **JWT** for authentication.
- Roles: Joint author, joint developer, sole front-end design
- Tools: Built with **React**, **Vite**, **Node.js**, **Express**, and **PostgreSQL** for a fast development experience and efficient data management.

Rainy Day Fund – **Personalized Spending Tracker**
- Summary: Built a responsive web application for tracking expenses for users to create efficient savings plans based on their goals.
- Roles: Joint author and developer
- Tools: Implemented dynamic features like real-time updates and category analysis to enhance user experience, built with **HTML**, **CSS**, and **JavaScript** and utilized persistent local storage.

StaffSync Employee Tracker – **Employee Management and Analytics Tool**
- Summary: Developed a command-line application for organizations to track, analyze, and update employee and department data.
- Roles: Sole author and developer
- Tools: Streamlined database management with optimized queries using **Node.js** and **SQL** and a scalable design for handling large datasets.

WORK EXPERIENCE

Music Producer & Audio Engineer | 2014 – Present
- Managed end-to-end production, arrangement, and recording for songs across various genres, collaborating with artists to bring creative visions to life.
- Gained transferable skills in technical problem-solving, project management, and creative collaboration.

Product Distribution | *The Donut Peddler* | August 2021 – September 2024
- Developed efficient workflows and managed client-facing responsibilities and operation logistics, demonstrating attention to detail and process improvement skills.

Leasing Agent | *Greystar* | Spring 2019 – Summer 2020
- Managed resident and client relationships, improving communication and organizational skills applicable to team collaboration.

EDUCATION

UNCC Full-Stack Coding Bootcamp – September, 2024 – December, 2024

Appalachian State University – Fall 2016 – Spring 2018
 GPA: 3.58 | Major: Communication | Minor: Music Industry Studies

University of North Carolina at Charlotte – August 2018 – May 2019
 GPA: 4.0 | Major: Communication Studies | Minor: Sociology

CERTIFICATIONS
- Full-Stack Web Development Certificate | UNC Charlotte