BRANDON BROWN

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EDUCATION

Eastern Michigan University – Ypsilanti, MI   Expected Apr 2028
*Bachelor of Science in **Computer Science*** – GPA: **3.97**
Scholarships/Awards: **Presidential Scholarship**(full-ride academic scholarship), **Rising Star Award**, **Dean's List**

SKILLS

Languages/Frameworks: JavaScript, TypeScript, Python, React.js, Next.js, Express.js, Node.js
Tools/Technologies: Jira, Firebase, GitHub/Git, MongoDB Compass
Databases: MongoDB

WORK EXPERIENCE

Full-Stack Developer Intern   Sept 2025 – Present
Jetzy   *Remote*
- Developed **responsive**, accessible web pages using **React.js, Next.js,** and **Tailwind CSS**, translating Figma design mockups into functional, user-friendly interfaces and building **12+** components, pages, and full-stack features.
- **Optimized MongoDB** queries, improving database lookup **efficiency** and reducing page load times by **~25%**
- Built full **authentication flows** using **Next.js** server-side routes and **API** handlers, including securely querying **MongoDB** and validating user credentials.
- **Refactored** frontend and backend codebases to streamline logic and remove redundancy, cutting API response times by **20–30%** across key routes.

Lead Tech ED Instructor Intern   Mar 2025 – Sept 2025
AccelereateKID   *Novi, MI*
- Instructed 60+ students (grades 4–9) in **Python**, **JavaScript**, and **Java**, achieving a class project completion rate of **95%**
- Quickly mastered new technologies to effectively teach diverse **programming topics**
- Gained hands-on experience with **debugging**, **code review**, and providing real-time feedback

PROJECTS

Spotify Playlist Generator - React, Node.js, JavaScript
- Developed a web app that lets users generate and save custom Spotify playlists, reducing playlist creation time by **30%**
- Integrated **OAuth 2.0** and **Spotify Web API** to authenticate users, fetch music data, and create and manage playlists dynamically
- Designed a **responsive**, **component-based UI** using **React hooks** for real-time interaction
- Handled API calls, **token storage**, and async logic with error feedback to ensure a smooth user experience

Mobile Banking Application - React Native, TypeScript, Firebase, Express.js
- Developed a **cross-platform** financial management app using **React Native** and **Firebase Authentication**, enabling users to securely link and view their financial accounts
- Integrated **Plaid API** with a custom **deep linking architecture** to handle secure **OAuth flows** between the app and financial institutions
- Built a **RESTful backend** with **Express.js** to manage token exchange, retrieve account data, and process user transactions securely

AI Learning Platform - React, TypeScript, Next.js, Python
- Led the frontend for Guru, a real-time voice AI coding tutor, enabling students to talk with an AI assistant that sees their code, hears their questions, and provides adaptive feedback
- Developed core frontend features using **React** and **Next.js**, including the design and implementation of a custom **Monaco Editor–based** terminal interface and a **responsive landing page** optimized for user engagement
- Managed and completed tasks through **Jira** while actively contributing to **weekly team meetings** to align priorities

LEADERSHIP EXPERIENCE

Management Leadership for Tomorrow   Jan 2026 – Present
Career Prep Fellow
- Accepted into a selective 18-month professional development program for **high-achieving diverse talent**
- Engaged with industry partners (Capital One, Apple, Google) to gain exposure to tech career pathways and emerging talent needs