Brandon Brown

248-979-3285 | bbrow113@emich.edu | Linkedin/Brandon-Brown-M | Github/brandonb77706

EDUCATION

Eastern Michigan University | GPA 3.97   Ypsilanti, MI
Bachelor of Science: Computer Science | Concentration: Full-Stack/Mobile Development   May 2028
Awards: Presidential Scholarship(full-ride academic scholarship), Rising Star Award, Dean's List

AFFILIATIONS & SKILLS

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

PROFESSIONAL EXPERIENCE

Blue Cross Blue Shield | *IT intern (Frontend Development)* | Detroit, MI   May 2026-August 2026
- Incoming frontend IT intern contributing to scalable, user-facing web applications built with TypeScript, React, and Next.js
- Develop and maintain responsive, reusable UI components following modern frontend architecture and best practices
- Utilize Git-based version control, code reviews, and documentation to ensure maintainable, high-quality frontend code

Jetzy | *Full-Stack Developer intern* | Remote   September 2025-February 2026
- Developed responsive, accessible web pages using React, 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

AccelerateKID | *Lead Tech Ed Instructor Intern* | Novi, MI   March 2025-September 2025
- 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 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

AI Learning Platform | *React, TypeScript, Next.js, Python, Supabase*
- 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

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 banks
- Built a RESTful backend with Express.js to manage token exchange, retrieve account data, and process user transactions

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Management Leadership for Tomorrow | *Career Prep Fellow* | Washington, D.C.   November 2025-Present
- Accepted into a selective 18-month professional development program for high-achieving college students
- Engaged with industry partners (Capital One, Apple, Google) to gain exposure to tech career pathways and emerging talent needs
- Attend conferences hosted by industry leaders such as Deloitte, LinkedIn, and Target

National Society of Black Engineers | *Public Relations Officer*| Ypsilanti, MI   April 2025-Present
- Analyzed engagement metrics from outreach efforts to refine promotional strategies and improve turnout for chapter events.
- Played a key role in organizing professional development events, info sessions, and panels for underrepresented students in tech