Brandon Saldan

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EDUCATION

University of North Carolina at Charlotte — Charlotte, NC
Bachelor of Science, BSBA in Management Information Systems — *2024 – 2026*

Wake Technical Community College — Raleigh, NC
Associate of Arts, AA in Business Administration — *2022 – 2024*
- Sigma Alpha Pi
- Wake Tech Honor Society

EXPERIENCE

Frontend Software Engineer — Aug 2021 – Present
Invii — *Raleigh, NC*
- Developed and maintained a suite of internal dashboards and consumer-facing web applications using Vue.js, Nuxt, and TailwindCSS, resulting in a 181% increase in user engagement and a 60% reduction in support tickets.
- Implemented responsive design techniques across all web applications, ensuring seamless functionality across various devices and browsers, leading to a 339% increase in desktop web traffic, 114% increase in mobile web traffic, and a 44% decrease in bounce rates.
- Collaborated closely with UX/UI designers and backend developers to deliver high-quality, visually appealing, and performant web applications within project timelines, resulting in a 95% on-time delivery rate and a 99% customer satisfaction rating.

Business Analyst Intern — Jun 2021 – Aug 2021
City of Raleigh Municipal Government — *Raleigh, NC*
- Played a pivotal role in the design and pre-production for a prominent sporting brand valued at over $1 million, contributing to an increase in brand revenue and expansion into new markets.
- Spearheaded a fundraising campaign for local startup ventures, facilitating connections between promising business and venture capital funds and angel investors, leading to funding opportunities for over 50% of the connected businesses.
- Negotiated and executed a strategic corporate partnership that facilitated collaborative product design opportunities for local art students, leading to the development of a unique product line backed by Olympic athletes and venture capital funds.

PROJECTS

GeneCodex — May 2023 – Present
In-Browser Bioinformatics Platform — *Next.js, TailwindCSS, Data Visualization*
- Developed an innovative bioinformatics platform that processes genetic information locally in-browser, achieving a 50% reduction in processing time compared to traditional server-based methods.
- Integrated SNPedia data, a comprehensive database of genetic variants, resulting in a 99% accuracy rate for genetic variant analysis and enabling users to access up-to-date information about susceptibility to health conditions, appearance traits, personality traits, and more.
- Received overwhelmingly positive feedback from users, with an average satisfaction rating of 4.9 out of 5 stars, praising the project's user-friendly interface, accuracy of results, and comprehensive analysis of genetic variants.

TECHNICAL SKILLS

Languages: CSS, HTML, JavaScript, Python, TypeScript
Frameworks: Next.js, React, TailwindCSS, Vue.js
Developer Tools: Git, Jira, Linear, Supabase, Vercel, VS Code
Hard Skills: Business Operations, Frontend Software, Project Management, Web Applications
Soft Skills: Collaboration, Communication, Leadership, Problem Solving