

Jacob Darida

Akron, Ohio 44311 | (440) 637-1961 | jdarida9@gmail.com | imjake.dev



OBJECTIVE: To obtain a Full-Time Position in Full Stack or AI Software Development, available part-time in Spring 2024 and transitioning to full-time in May 2024.

EDUCATION: **The University of Akron, Akron, Ohio** **Aug 2020 – May 2024**

- Bachelor of Science, *Computer Science* – Graduated May 2024
- AI and Machine Learning Certificate

SKILLS:

Python	Web Development	SQL	Data Analysis	Artificial Intelligence	C/C++/C#
Git/GitHub	JavaScript/TSX	General IT	VS Code	Node.js	Linux/WSL/CLI

PROFESSIONAL EXPERIENCE:

Wellness Website Development Lead **Nov 2023 – Present**

- Leading the development of a wellness-focused website, integrating yoga and meditation resources, vegan recipes, and philanthropic features through subscription-based donation support.
- Architected a holistic digital wellness platform using Svelte and Next.js, integrating Supabase for dynamic data handling and AWS S3 for scalable content storage.

Contract Software Refactoring Consultant for Inventory/Retail Case System **Nov 2023 – Mar 2024**

- Specialized in upgrading Retail Case/Inventory Management Systems for trading card inventory system. using Raspberry Pi microcontrollers with extensive API integration.
- Tasked with system refactoring and expansion, improving both efficiency and user experience.

University of Akron Student Union Maintenance Senior Student Assistant **Oct 2021 – May 2024**

- Maintaining the physical facilities as well as IT maintenance throughout the building.
- Repairing any broken technical equipment (Furniture, Computers, Projectors, etc.)
- Managing a team of 5 members.

RELEVANT COURSEWORK:

Course Registration System 2.0 – Database Management

- Led the development of Course Registration System 2.0, incorporating CRUD operations, user registration, schedule planning, and waitlist management with a tech stack of Next.js, React, and Next.js, MySQL, AWS RDS.
- Added intuitive course tracking, streamlined waitlist processing, and implemented AI for advanced data integration.

AI Chord Chart Analysis – Senior Capstone Project

- Developed a SPWA to enhance the iRealPro platform, incorporating ChatGPT for NLP to provide detailed song analysis, genre-specific advice, and historical context for players of all levels.
- Used Python, Node.js/Express, and Svelte, showcasing modern web development in educational tools for the arts.

RELEVANT COURSES:

AI and Heuristic Programming, Machine Learning, Data Structures, Algorithms, Database Management, Big Data, Internet Systems Programming, Operating Systems, Computer Systems, Discrete Math, Combinatorics and Graph Theory, Statistics, Interactive Game Design, Production I (Adobe Products)

PERSONAL PROJECTS:

- Refurbish and repair vintage Electronics and Instruments.
- Created multiple custom PCs from recycled components.

EXPERIENCE: University of Akron Blue and Gold Brass Basketball Band (Bass) **Oct 2021 – Present**
University of Akron Birth of The Cool Jazz Band (Bass) **Aug 2022 – Present**

Other Interests Include: Music (Playing and Listening), Farming/Gardening

ADDITIONAL INFORMATION:

No Geographical Limitations
Background in Sales/Marketing from prior Work Experience