Jacob Darida

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OBJECTIVE: To obtain a Full-Time Position in Full Stack or AI Software Development

EDUCATION: **The University of Akron, Akron, Ohio** **Aug 2020 – May 2024**
- Bachelor of Science, *Computer Science* – Graduated May 2024
- AI and Machine Leaning Certificate

SKILLS:

Python	Web Development	SQL	Data Analysis	Artificial Intelligence	C/C++/C#
Git/GitHub	JavaScript/TSX	General IT	VS Code	Linux/WSL/CLI	Node/Next.js
Adobe Suite	Tailwind CSS	Svelte	AWS RDS/S3	React	Jupyter

PROFESSIONAL EXPERIENCE:

Wellness Website Development Lead **Nov 2023 – Present**
- Spearheaded the development of a wellness website, integrating yoga/meditation resources, vegan recipes, and philanthropy.
- Designed a digital wellness platform with Svelte and Next.js, leveraging Supabase for dynamic data and AWS S3 for scalable storage.

Contract Software Refactoring Consultant for Inventory/Retail Case System **Nov 2023 – Mar 2024**
- Enhanced Retail Case/Inventory Management Systems for trading cards using Raspberry Pi and APIs, increasing processing speed by 25%.
- Refactored and expanded systems to boost efficiency by 20% through code optimization and UI/UX improvements.

University of Akron Student Union Maintenance Senior Student Assistant **Oct 2021 – May 2024**
- Repaired and maintained technical equipment, significantly reducing downtime and enhancing functionality for students and staff.
- Led a team of 5 in maintaining facilities, fostering a collaborative and efficient working environment.

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, MySQL, and AWS RDS, streamlining course tracking and waitlist processing.

AI Chord Chart Analysis – Senior Capstone Project
- Developed a SPWA to enhance the iRealPro platform, integrating ChatGPT for NLP to provide detailed song analysis, genre-specific advice, and historical context, utilizing Python, Node.js/Express, and Svelte to showcase 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:
- Refurbished vintage electronics and instruments, restoring functionality and preserving historical value.
- Created multiple custom PCs from recycled components.

EXPERIENCE: University of Akron Blue and Gold Brass Basketball Band (Bass) **Oct 2021 – Mar 2024**
University of Akron Birth of The Cool Jazz Band/s (Bass) **Aug 2022 – May 2024**

ADDITIONAL INFORMATION:
- No Geographical Limitations
- Possesses a strong background in Sales/Marketing, leveraging past experience to enhance technical roles with a customer-oriented approach.