

Michael Abdo

3099 Rosemary Lane
Lake Oswego, OR 97034
(503) 924-9557
Michael@MichaelAbdo.com

Xenodex Sciences — Fullstack Developer & Cloudflare Specialist

Spring, 2022 – Present, | Portland, OR

Led development of scalable web applications with integrated calculator logic for contract valuation. Utilized React and Node.js to build dynamic user interfaces and secure backend systems. Implemented data storage solutions using PostgreSQL, ensuring seamless integration with Cloudflare for optimized performance and security. Developed API layers for efficient data exchange and user management, aligning with project requirements for job board and paycheck calculator functionalities.

Vespera — Real-time Data Processing & API Developer

Spring, 2021 – Present, | Portland, OR | Remote

Engineered backend systems using Python and Node.js for real-time data processing and API integration. Developed secure database architectures to support dynamic data-driven applications. Achieved high reliability and performance in data handling, crucial for implementing complex calculator logic and job board functionalities. Leveraged statistical analysis to enhance system efficiency and user experience.

Amazon PDX — Dashboard Development & Database Integration Specialist

Summer, 2020 – Spring, 2022 | Portland, OR | Hybrid

Designed and implemented data-driven dashboards using React and SQL, facilitating real-time analytics and decision-making. Integrated complex database systems to support large-scale operations, aligning with requirements for secure data storage and user management. Developed Python scripts for data extraction and transformation, enhancing system integration and operational efficiency.

Panera Bread — System Integration & Technology Implementation Lead

Spring, 2018 – Summer, 2020 | Madison, WI

Led integration of frontend and backend systems for custom dispatch platforms using React and Node.js. Ensured seamless data synchronization and system reliability, critical for implementing secure login and management pages. Debugged and optimized production environments, enhancing system performance and user satisfaction.

College Pro Painters — Business Operations & Technology Strategist

Spring, 2017 – Spring, 2018 | Iowa City, IA

Managed end-to-end business operations with a focus on technology-driven solutions. Developed strategic plans for system integration and process optimization, achieving high customer satisfaction and operational efficiency. Applied data-driven decision-making to enhance business performance and team collaboration.

Bio::Neos — Mobile App Developer & Data Visualization Specialist

Summer, 2015 – Spring, 2017 | Iowa City, IA

Developed cross-platform mobile applications with a focus on data collection and visualization. Utilized React Native and backend technologies to create user-friendly interfaces and secure data handling systems. Established a strong foundation in integrating technology with user-centric design, aligning with project goals for interactive job board and calculator functionalities.

University of Iowa — Computer Science & Marketing

Fall, 2016 – Summer, 2018 | Iowa City, IA

Focused on practical development experience through concurrent business ventures, emphasizing real-world application of computer science principles. Gained foundational knowledge in software development, data

management, and system integration, preparing for advanced roles in fullstack development and technology implementation.