Jorge Barney

Fulll-Stack web developer-focus on Data base

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📍 Chandler, Arizona, United States

SUMMARY

I'm a Database-Driven Full-Stack Developer who builds robust, data-centered web applications designed for performance, scalability, and clarity.

My strength lies in understanding data first — how it flows, scales, and powers every layer of a modern application. From schema design and query optimization to RESTful and GraphQL API development, I ensure that your application's foundation is as strong as its interface.

With expertise across React, Next.js, Node.js, Express, PostgreSQL, MongoDB, and Redis, I deliver end-to-end systems that are fast, maintainable, and business-ready. I approach every project with a focus on data integrity, system reliability, and long-term scalability.

SKILLS

Node.js   **MongoDB**   **MySQL**

PostgreSQL   **Python**   **FastAPI**   **React**

GraphQL

EDUCATION

Bachelor of Computer Science

Arizona State University
08/2016 - 08/2020

Associate of Science

Chandler Gilbert Community College
08/2014 - 07/2016

EXPERIENCE

Senior Backend Developer

Keap   09/2023 - 08/2024

- Leading backend development for Keap's CRM and automation platform.
- Architected microservice-based systems using Node.js and PostgreSQL to improve scalability and reliability.
- Spearheaded API performance optimization and data pipeline automation, enhancing system throughput and uptime.
- Contributed to transitioning legacy systems into a modern, containerized environment with CI/CD integration.

Backend Developer

MST Solutions   01/2022 - 08/2023

- Designed and implemented RESTful and GraphQL APIs for enterprise-level Salesforce integrations.
- Focused on data modeling, process automation, and secure data synchronization between distributed systems.
- Collaborated with frontend teams to ensure high-performance backend architecture and maintainable service layers.

Junior Backend Developer

Microchip Technology   01/2020 - 12/2021

- Focused on developing and maintaining backend logic for embedded and IoT-based systems.
- Worked closely with firmware engineers to optimize data handling, API integration, and real-time communication between microcontrollers and cloud services.
- Gained a solid understanding of hardware-software interoperability and system-level data efficiency.