Miguel Martinez

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SUMMARY

- Senior software engineer with 15+ years of full-stack development experience across finance, education, logistics, and energy sectors.
- Proven ability to deliver scalable, secure, and high-performance systems using modern technologies and cloud platforms.
- Skilled in cloud-native development using AWS; hands-on experience with Docker, Kubernetes, and CI/CD pipelines.
- Strong understanding of SOLID principles, Domain Driven Design, and Agile methodologies.
- Adaptable problem-solver focused on delivering business value through elegant and maintainable software solutions.

TECHNICAL SKILLS

- Languages: JavaScript, C#, SQL, PHP, C/C++, TypeScript, Python, Java
- Frameworks & Libraries: .NET Core, Node.js, Nest.js, React, Vue, AngularJS, Hapi.js, NestJS, WordPress, Win32, ATL/ActiveX, WPF
- Databases: MongoDB, MySQL, SQL Server, PostgreSQL, Oracle
- Cloud & DevOps: AWS, Docker, Git, CI/CD
- Practices: SOLID, Microservices Architecture, REST APIs, Agile/Scrum, Domain Driven Design

PROFESSIONAL EXPERIENCE

Senior Software Engineer – Eduphoria

Remote | Apr 2021 – Present

- Building a teacher-facing curriculum planning tool to enhance instructional quality and improve student engagement through more effective learning design.
- Engineered a real-time scoring engine that accelerated feedback delivery and enhanced grading accuracy, supporting more timely instructional decisions.
- Delivered key features—"Retest" and "Reflections"—to support student growth via targeted review and self-assessment, boosting knowledge retention and performance.
- Tech Stack: .NET Core, C#, MySQL, AWS, Docker, JavaScript, React, Git

Founder – rMode Software, LLC

Remote | Dec 2009 – Present

- Delivered scalable, API-integrated solutions for small business clients using .NET Core and WordPress plugins—translating business needs into maintainable software that improved operational workflows and reduced overhead.
- Led full project lifecycles from requirements gathering to deployment, improving client operational efficiency and reducing tech overhead.
- Tech Stack: .NET Core, C#, SQL, Docker, JavaScript, Node.js, React, WordPress, Git

Senior Software Engineer / Consultant - Dimensional Fund Advisors (via Austin Fraser)

Remote | Dec 2020 – Apr 2021

- Developed a workflow automation application to streamline audit request fulfillment, reducing turnaround time, increasing data accuracy, and improving compliance.
- Tech Stack: ASP.NET, C#, JavaScript, SQL, Git

Senior Software Engineer / Consultant - LPL Financial (via Yho)

Remote | Aug 2020 – Dec 2020

- Created a bulk upload utility to integrate acquired investor accounts, streamlining onboarding workflows and improving data consistency.
- Tech Stack: .NET Framework, C#, Angular, SQL

Senior Software Engineer / Consultant - Macmillan Learning (via Technology Navigators)

Remote | Mar 2020 – Jul 2020

- Engineered an interactive chemistry authoring tool using JavaScript and Kekule.js, allowing educators to create dynamic molecular structures and enabling deeper student engagement.
- Tech Stack: Node.js, JavaScript, React.js, Kekule.js, Git

Senior Software Engineer / Consultant - Newgistics / Pitney Bowes (via Cazton)

Austin, TX | May 2017 – Mar 2020

- Developed a high-throughput, containerized alert system using Docker/Kubernetes, Twilio, and SendGrid—delivering millions of real-time notifications with improved reliability and latency; integrated Kafka and MongoDB for real-time and dynamic data flow.
- Created a scalable multi-carrier API integrating USPS, FedEx, UPS, DHL, and Canada Post—simplifying shipping logic and increasing platform delivery success rates.
- Tech Stack: C#, .NET Core, Node.js, SQL, MongoDB, Docker, Kubernetes, Kafka, Git

Senior Software Engineer – Lifesize

Austin, TX | Apr 2015 – May 2017

- Developed a customer-facing admin console for account and service configuration, reducing support overhead and improving user self-service capabilities.
- Tech Stack: JavaScript, Node.js, AngularJS, Java, Python, AWS, Git

More work experience upon request.