**Daniel Dominguez**

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**PROFESSIONAL EXPERIENCE**

**Software Engineer II | Invoice Cloud, Inc. |Remote December 2024 – Present**

* + Architected and spearheaded strategic initiatives, leveraging .NET Core and C# to design, develop, and seamlessly migrate critical legacy payment systems to a modernized platform, resulting in a 25% improvement in transaction processing speed and enhanced scalability for core business operations.
  + Engineered and maintained robust ASP.NET Core Web APIs (RESTful) and WCF services (SOAP) to facilitate secure, high-volume transaction workflows within a multi-tenant architecture, processing over 1 million transactions monthly with 99.99% uptime for government, utilities, and insurance clients.
  + Leveraged AI tools to develop and automate code review suggestions and early bug detection, boosting team productivity by an estimated 15% and improving code quality.

**Software Engineer I | Invoice Cloud, Inc. |Remote August 2022 – November 2024**

* + Automated critical on-call incident response and diagnostic tasks using reclaiming 2+ hours daily for the engineering team and reducing MTTR for P1 incidents by 30%.
  + Enhanced unit test coverage by 20% across multiple team repositories by refactoring legacy C# code with NUnit and Moq, ensuring consistent application reliability and significantly reducing regression defects.
  + Engineered and implemented innovative C#/.NET tools for new payment flows, directly resulting in a 50% reduction in client migration time and contributing to a revenue growth of up to 20% in these new streams.
* Provided mission-critical on-call support for high-volume payment and batch processing systems, ensuring uninterrupted financial operations for over 3,000 customer organizations and maintaining system stability.
* Optimized and managed deployment processes using Azure DevOps CI/CD pipelines, streamlining version control with Git, build automation, and release management, leading to a 45% reduction in deployment-related errors.

**EDUCATION**

**Drexel University |** **Master of Science in Software Engineering** **September 2020 - September 2022**

* + Relevant Coursework:Software Architecture, Distributed Systems, Database Management, Computer Science, Machine Learning, Cloud Computing Strategies

**PROJECTS**

**Loteria Tradicional**  **January 2020 – Present**

* + Built and maintain a card reading experience for Loteria, a traditional Latin Bingo in React Native.
  + Achieved 30,000+ unique downloads, offering an engaging user experience on both iOS and Android.

**Personal Website May 2022 – Present**

* + Designed and developed a personal portfolio site with React and deployed via AWS Amplify showcasing a biographical view of my projects, skills, and professional background.

**Conversational Agent September 2021 – Mar 2022**

* + Created a chatbot prototype to provide educational role models for underprivileged youth, leveraging React Native, Dialogflow API, and a Firebase NoSQL database.
  + Built and utilized a web scraper to gather data on historical figures from various sources, transforming it into first-person narratives to train the Dialogflow chatbot, enhancing its educational capabilities.

**SKILLS**

**Programming Languages, Libraries, Frameworks, and Tools**

C# | Visual Basic | JavaScript | TypeScript | Java | SQL | Python | HTML | CSS | C++ | NoSQL | Swift |

.NET Framework & Core | ASP.Net | REST | SOAP | React | NUnit | Angular | Moq | Android | iOS | Git | jQuery | Jira | AWS | MS SQL | GitHub | Azure DevOps, App Services, Functions, and Key Vault Storage