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