

Daniel Dominguez

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EXPERIENCE

Associate Software Engineer

August 2022 – Present

Invoice Cloud, Inc. | Brownsville, TX (Hybrid)

- Developed scalable back-end services for payment APIs and multiple cloud transaction processors, optimizing transaction workflows and ensuring secure, seamless financial operations for a leading SaaS company specializing in digital bill payments for sectors such as government, utilities, and healthcare.
- Actively participated in Agile ceremonies, including sprint planning, daily stand-ups, and retrospectives, contributing to team collaboration, continuous improvement, and efficient project delivery.
- Optimized code management and deployment processes using Azure DevOps, increasing team efficiency and streamlining workflows.
- Achieved a 100% passing rate across all team repositories by refactoring and maintaining tests within managed repositories, ensuring consistency across multiple testing frameworks (JUnit, Mockito, and JMock).
- Developed and implemented tools for seamless client migration to new payment flows in major migration projects leading to company revenue growth.
- Provided on-call support for payment and batch processing, ensuring reliable financial operations and seamless service for over 3,000 customer organizations.
- Automated multiple on-call tasks, saving the team over one hour per day and reducing manual effort, which fostered increased productivity and allowed team members to focus on higher-priority work.

EDUCATION

Drexel University / Master of Science in Software Engineering (Magna Cum Laude)

September 2022

- Relevant Coursework: Software Architecture, Requirements Engineering, Deep Learning, Agile

PROJECTS

Loteria Tradicional

January 2020 – Present

- Created and maintain a simple automated card reading experience for Loteria, a traditional Mexican Bingo.
- Gained over 25,000 unique downloads, offering an engaging user experience on both iOS and Android.

Personal Website

May 2022 – Present

- Designed and developed a personal website showcasing a biographical view of my projects, skills, and professional background.
- Built with React and deployed using AWS Amplify for hosting, with version control on GitHub.

Conversational Agent

September 2021 – Mar 2022

- Designed a chatbot prototype focused on providing educational role models for underprivileged youth, using community-based participatory research to ensure relevance and accessibility.
- Designed and developed the front-end using React Native, integrating Firebase for secure user authentication and efficient database management, ensuring a smooth and interactive user experience.
- Built 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

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

Libraries, Frameworks, and Tools

.NET Framework & Core | React Native | NUnit | xUnit | Moq | React | Android | iOS | Firebase | Git