

John Hibbert

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TECHNICAL SKILLS

Software Development: C#, .NET, Visual Studio, SOLID
APIs: REST, HTTP, JSON, Postman, Insomnia, Swagger
Databases: SQL, Relational Databases, SSMS, Entity Framework
Azure / Cloud: Service Bus, Table Storage, Blob Storage, Functions, Key Vault, Logic Apps
QA: Unit Testing, Debugging, Troubleshooting
Software Project Management: Agile, GitHub, Azure DevOps, Jira, Confluence

EXPERIENCE

Full Stack Developer

Nov. 2023 – Oct. 2024

ConnectPay, Inc

Foxborough, MA

- Designed new class library to convert acquired company clients into existing database schema, eliminating need to involve senior engineers
- Overhauled tax update system to allow simultaneous submission of tax and surtax rates, expanding work available to be completed in minutes instead of hours
- Implemented new user permissions to restrict access to certain page elements within legacy application
- Formulated process to replace legacy VB.NET code with C# via characterization test framework to ensure continuity of expected behavior
- Proposed software development life cycle changes to modernize manual release process by leveraging NuGet and Azure DevOps pipelines
- Authored documentation of onboarding process to shorten period before contribution

Senior Software Engineer

Aug. 2022 – Apr. 2023

Capital Technology Group

(Remote) Silver Spring, MD

- Contracted to United States Citizenship and Immigration Services (USCIS)
- Investigated and corrected software discrepancies reported by USCIS users in continuing effort to make new web application fully feature complete as compared to legacy system

Software Engineer

Jul. 2019 – Aug. 2022

EPFR

Cambridge, MA

- Rebuilt legacy report generation system to decrease coupling and improve efficiency as part of large-scale migration to Azure where daily reports increased from a few hundred to several thousand
- Determined root cause of various errors reported by team members and devised rapid fixes for urgent issues discovered on production systems
- Composed hundreds of unit tests for new and legacy projects and refactored several existing projects to better implement dependency injection, allowing unit testing for the first time
- Refactored primary API to remove code duplication and extend functionality with additional methods
- Improved project security by migrating system credentials to Azure Key Vault
- Created Azure Logic Apps to replace legacy functionality from Windows Task Scheduler
- Increased system visibility by implementing Applications Insights telemetry

Software Developer

Nov. 2016 – July 2019

Hamilton Storage Technologies

Franklin, MA

- Recreated internal program used by team members to improve its usability as part of a large-scale strategic goal to reduce commissioning times from over three months to about six weeks
- Built new program to automate process of generating SQL files used to configure databases for each new device, reducing setup time from multiple days to approximately one hour
- Composed standalone applications utilizing Hamilton REST API to serve as example to customers in their own integration efforts
- Supported Hamilton customers in software integration efforts via with Hamilton REST API
- Trained customers, vendors and team members in use of Hamilton software GUI

EDUCATION

University of Rhode Island

Bachelor of Arts in Computer Science

Kingston, RI

2015