Brady Stohler

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Summary

Dedicated Software Engineer with over 3 years of experience in developing high-performance applications. Proficient in a variety of programming languages and frameworks, with a strong focus on enhancing user experience and operational efficiency. Proven track record in team leadership and project management.

Skills

Programming Languages: C#, JavaScript, HTML/CSS, Java, TypeScript
Frameworks: .NET Core, .NET Framework, VueJS, ReactJS, React Native, Angular, AngularJS, NextJs
Tools: MS SQL Server, Git, Azure DevOps, Terraform, REST, Agile/Scrum Environments, AWS, Cloud Architecture, Jira, Unit Tests, CI/CD Pipelines, LINQ, Dependency Injection, Design Patterns, PostgreSQL, Copilot, ChatGPT

Experience

IDEMIA   Remote
Software Engineer   May 2022 - Current

- Enhanced a .NET API for an enrollment system by adding advanced features that streamlined data retrieval and booking processing, resulting in improved performance, faster access to information, real-time notifications, and enhanced user experience.
- Implemented endpoint solutions for extracting workstation metadata, enhancing operational efficiency.
- Spearheaded the development of a streamlined endpoint management system facilitating silent download, installation, uninstallation, reinstallation, and updates of programs across workstations, optimizing workflow productivity and minimizing disruptions.
- Leveraged advanced multithreading techniques to significantly enhance system performance, ensuring smooth and efficient execution of critical processes across multiple threads.
- Innovated a robust system for generating unique serial numbers for client workstations, crucial for generating license files essential for internal service utilization, thereby fortifying security measures and ensuring seamless service delivery.
- Developed comprehensive unit tests using the Jest & Karma frameworks to ensure the reliability and functionality of the next-generation biometric capture software, thereby enhancing its robustness and reliability.
- Developed automated scripts and utilities to seamlessly transform configuration and class files, optimizing code reusability and enhancing technical efficiency.

Navient   Remote
Software Engineer Intern   May 2021 - May 2022

- Developed and optimized .NET Core and Framework applications, including a toll road payment processing API and a web chat feature, using Dapper for MSSQL Server integration and conducting comprehensive debugging for enhanced data and response management.
- Leveraged Dapper to interface seamlessly with MSSQL Server databases.

Individual Projects

Trading Card Grading (AWS Lambda, Express.js, React)
https://main.d19dimod8tbn81.amplifyapp.com/

- Developed a custom card grading algorithm using advanced image processing techniques.

- Utilized AWS Lambda to enable efficient, cost-effective backend operations with serverless scalability.
- Implemented a dynamic grading system integrating multiple metrics, such as edges, corners, and surface quality, for comprehensive card evaluation.

AI Code Analysis API (.NET 8)
- Utilize AI to analyze user-submitted code and programming language, enabling tailored insights
- Delivered a four-part analysis, including improvement recommendations, security enhancements, coding convention checks, and documentation updates

LogsByBrady (.NET 8)
- Created logging framework with dependency injection support
- Implemented structured logging patterns for enhanced developer productivity
- Published as an open-source package with documentation

Authentication System (.NET 6)
- Built secure API implementing JWT authentication and automated database deployment
- Containerized application using Docker for cross-environment compatibility

Education

Trine University   Angola, IN
B.S, Computer Science & Information Technologies.   2022