Alexander Abushady

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Portfolio | Linkedin | GitHub

EDUCATION

ST. PETERSBURG COLLEGE　　　　　　　　　　　　　　　September 2018 - April 2020
Computer Programming and Analysis Associate of Science　　　　St. Petersburg, FL

EXPERIENCE

MSI | Senior Software Engineer　　　　　Tampa, Florida (Remote) | October 2024 – Present

- Implemented queue-based renewal system with multi-VM scaling, increasing fault tolerance and enabling process continuation through individual failures
- Rearchitected flood flow using partial views, cutting redundant code by 50% and doubling enhancement speed
- Redesigned document printing process with automated error notifications and end-to-end fault tolerance
- Elevated team code quality through standards education, code reviews, and pair programming, reducing PR rejections by 40%
- Resolved critical system issues saving millions in operational costs through performance optimization

MSI | Manager of Application Development　　　Tampa, FL (Remote) | March 2023 – October 2024

- Resolved critical production issues same-day, ensuring maximum system availability
- Managed 8-person engineering team including contractors across multiple skill levels
- Architected and executed Westwood acquisition conversion, migrating $95M in revenue
- Mentored engineers through skill development, helping them to achieve promotions to the next level

MSI | Lead Software Engineer　　　　　Tampa, FL (Remote) | September 2021 – March 2023

- Built scalable billing solution supporting unlimited fee types, reducing implementation from multi-person to single-person process
- Led 8-engineer team delivering sprints with 100% client satisfaction
- Created flood insurance buy flow with comparative rater, used by 125+ agencies daily, driving 22% sales increase
- Redesigned policy administration software for improved performance and enhanced functionality

MSI | Software Engineer　　　　　Tampa, FL (Remote) | January 2020 – September 2021

- Developed API endpoints handling 50M+ annual requests with 99.999% uptime
- Built and maintained 15+ .NET customer buy flows with 100% client satisfaction
- Integrated 3rd party refund API, automating generation of 100s of weekly checks
- Created intelligent ticketing system with automated email parsing and 1:1 customer-to-CSR matching
- Established development patterns through peer mentoring, later adopted as team standards

SKILLS

Programming Languages	C#, JavaScript, TypeScript, Python
Libraries/Frameworks	.NET Framework, jQuery, ASP.NET MVC, REST API
Tools / Platforms	Git, Azure Dev Ops, Visual Studio, VS Code, Cursor, Github Copilot
Databases	Microsoft SQL

PROJECTS / OPEN-SOURCE

SILLYTAVERN-TO-SHAREGPT | Link
TypeScript

A TypeScript application that converts SillyTavern chat logs into formats suitable for LLM fine-tuning and sharing, including ShareGPT and Alpaca formats.

APHRODITE-ENGINE PROVIDER | Link
AI, Vercel SDK, Next.JS, Aphrodite-Engine

Provider for Vercel SDK to use Aphrodite-Engine for Ai inference. Vercel SDK requires different "providers" to allow using AI inference tools within their Next.JS applications. I created a provider for Aphrodite-Engine, a local AI inference server, that allows for it to be used within the Vercel ecosystem.

GENERATIVE-TEXTING | Link
Red

Local LLM Fork of Generative Texting mod for Cyberpunk 2077. Allows for using local llm servers to "text" with in-game characters, keeping track of relationship status with key characters using in-game flags.