

Alexander Abushady

Full-Stack Software Engineer
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PORTFOLIO | LINKEDIN | GITHUB

EDUCATION

ST. PETERSBURG COLLEGE
COMPUTER PROGRAMMING AND ANALYSIS ASSOCIATE OF SCIENCE

2018 - 2020
St. Petersburg, FL

EXPERIENCE

MSI | SOFTWARE ENGINEER

Remote | 2020 - Present

- Implemented queue-based renewal system with multi-VM scaling, increasing fault tolerance and enabling process continuation through individual failures
- Rearchitected B2B buy 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%
- Architected and executed Westwood acquisition conversion, migrating \$95M in revenue
- Built scalable billing solution supporting unlimited fee types, reducing implementation from multi-person to single-person process
- Created new B2B buy flow with comparative rater, used by 5k+ concurrent users daily, driving 22% sales increase
- 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

GENERATIVE-TEXTING MOD | [LINK](#)

Red

Modified Cyberpunk 2077's generative-texting mod to automatically read in-game relationship flags, making NPCs respond based on actual player history rather than manual settings. Replaced OpenAI API requirement with local LLM integration, removing API costs and enabling offline play.

APHRODITE-ENGINE PROVIDER | [LINK](#)

AI, Vercel SDK, Next.js, Aphrodite-Engine

Developed integration allowing Next.js applications to run AI models locally. Published NPM package for the developer community

SILLYTAVERN-TO-SHAREGPT | [LINK](#)

TypeScript

Built a tool used by LLM developers to transform conversation data into training datasets, enabling the community to create better AI models.