

# Alexander Abushady

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PORTFOLIO | LINKEDIN | GITHUB

## EDUCATION

ST. PETERSBURG COLLEGE

COMPUTER PROGRAMMING AND ANALYSIS ASSOCIATE OF SCIENCE

September 2018 - April 2020

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

LIBRARIES/FRAMEWORKS

TOOLS / PLATFORMS

DATABASES

C#, JavaScript, TypeScript, Python

.NET Framework, jQuery, ASP.NET MVC, REST API

Git, Azure Dev Ops, Visual Studio, VS Code, Cursor, Github Copilot

Microsoft SQL

## PROJECTS / OPEN-SOURCE

### 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.

### 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

### GENERATIVE-TEXTING | [LINK](#)

Red

Enhanced AI-powered dialogue system for Cyberpunk 2077 where NPCs remember relationships and respond contextually - bringing dynamic conversations to AAA gaming. All while using locally running models.