Anthony Guzzardo

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Skills
Languages: TypeScript/JavaScript, C#, Python, Swift, SQL
Frameworks: .NET Core, ASP.NET, React, React Native, SwiftUI, Vapor, Node.js
Databases: SQL Server, Postgres
Cloud: AWS (ECS, ALB, VPC, RDS), Azure Blob Storage, Supabase
Tools: Docker, Git, GitHub Actions, Power Automate, Stripe Connect
Concepts: REST APIs, CI/CD, Data Pipelines

Professional Experience
EL3 Tech LLC | Nov 2024 - Present
Software Engineer
Operations Reporting Platform (C# .NET Core, SQL Server 2022, Excel, Power Automate)
- C# .NET Core API pipeline and reporting platform leveraging SQL Server 2022, Power Automate, and Excel. The pipeline ingests 10–50 daily data files, performs validation and transformation, and executes stored procedure driven normalization to consolidate fragmented vendor feeds into a consistent operational dataset.
- Replaced the client's RTI POS report, which lacked the accuracy and timeliness required for multi-site oversight across 19 business locations. The automated solution delivers dependable daily reporting on cost, profit, balancing, and inventory, improving data quality, reducing operational risk, and enabling management to make informed, real-time decisions.
- Assisted in developing an alerting process that detects file anomalies and schema-breaking changes, preventing improper data ingestion and ensuring data integrity within the pipeline.

Automated Payroll Reporting System (C# .NET Core, SQL Server 2022, REST, Excel, Power Automate)
- Integrated with Heartland's operational accounting and timesheet/staff reporting system, using C# .NET Core to retrieve and prepare payroll-relevant data and transform it into the ADP-required format for five restaurant locations in the Chicagoland area, enabling automated submission to ADP.
- Automated the end-to-end payroll reporting workflow including data extraction, validation, formatting, and REST-based submission reducing manual effort, eliminating recurring data entry errors, and ensuring timely, consistent payroll processing across all locations.

Crypto Market Data API (Python, Rest)
- Built market data API that automated retrieval and aggregation of crypto futures across custom date ranges, replacing manual file-by-file export with batch processing and intelligent caching. Data was used for Strategy back testing and model evaluation.

Mr. Fox, LLC | Aug 2025 - Present
Software Engineer (Part-Time)
Mobile Marketplace Platform (TypeScript, React Native, Postgres, AWS, Stripe Connect)
- Developing dual mobile applications (iOS/Android) for a geofenced marketplace connecting local retailers with customers to reduce surplus inventory waste
- Architected full-stack solution using React Native, TypeScript, PostgreSQL, and AWS infrastructure
- Integrated Stripe Connect for payment processing and money transmission between retailers and platform
- Designed AI-powered deal creation agent to streamline retailer onboarding and posting workflow
- Leading full project lifecycle from requirements gathering and technical proposal through development and deployment

Treevah | Oct 2024 - Mar 2025
Senior Intern Software Engineer
- Introduced CI/CD checks and GitHub Actions to enforce code quality, improve reliability, and minimize security regressions
- Shipped frontend features in React for the web application
- Mentored 5+ interns on secure coding best practices and reviewed PRs for potential vulnerabilities

- Re-architected file storage from flat row-by-row model to hierarchical node-tree structure, improving lookup efficiency and maintainability while securing access controls against path traversal vulnerabilities

Projects
Rangley (iOS Social App) | July 2025 - Present
- Delivered a full-stack iOS social app in 2 months, covering product, design, backend, and SwiftUI development for App Store launch
- Built native SwiftUI app with MapKit for real-time geospatial event discovery and social features
- Architected backend using Vapor (Swift) with PostgreSQL on AWS ECS, implementing least-privilege access, VPC isolation, ALB-secured private tasks, and encrypted RDS
- Reached 40 active users within 8 weeks of launch; presented the project to two DePaul CS classes to mentor students on iOS development and startup workflow

Education
DePaul University, Chicago, IL | June 2023
Bachelor of Science in Computer Science