

NATHAN TEZER

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SUMMARY

Backend-focused Software Engineer with hands-on experience building API-driven systems, workflow automations, and data integrations using Python and SQL. Experienced in designing RESTful services, CRM integrations, and scalable backend workflows. Currently expanding expertise in production-grade backend architectures and AI-integrated systems.

EDUCATION & CERTIFICATIONS

Rutgers University, Newark, NJ (Sep 2019 – June 2024), Bachelor of Arts in Computer Science, Minor in Mathematics

Certifications (Montclair State University, Villanova University, Coursera, Edx, Udemy): Software Development Life Cycle, Excel for Data Analysis, Agile Software Development, Python for ML, DevOps, WordPress, Google Analytic, Javascript, Java

SKILLS

- Programming Languages: Python, Java, C++
- Backend Development: RESTful APIs, Webhooks, System Integration
- CS Fundamentals: Object-Oriented Design, Data Structures, Algorithms
- Automation & Systems Integration: n8n, Make, Zapier, Google Workspace APIs
- Databases: SQL, Relational Databases, Data Modeling Fundamentals
- Tools & Workflow: Git, Agile, Jira, DevOps Fundamentals
- Web Technologies: WordPress, HTML, CSS

EXPERIENCE

GOZEL LAW FIRM / CLIFTON, NJ

Systems & Automation Engineer

02/2025 – 03/2026.

- Architected and deployed a production web platform, optimizing backend configurations, system performance, and data flow architecture.
- Designed and implemented REST-based automation workflows, integrating external APIs and webhook-driven event triggers to enable real-time data synchronization between systems.
- Connected HubSpot CRM with the website backend to automate contact creation and structured data synchronization from form submissions.
- Implemented analytics and event tracking systems to monitor performance and user interactions.
- Automated intake and scheduling processes through system integrations, reducing manual workload.
- Oversaw SaaS tools and cloud-based services to maintain system stability and secure data handling.

FREELANCE WEB DEVELOPMENT

Web Developer (Freelance)

06/2024 TO PRESENT .

- Designed, developed, and deployed custom WordPress websites, managing theme configuration, plugin integrations, and backend settings.
- Configured and optimized plugin ecosystems (SEO, security, caching, form builders), ensuring performance, reliability, and business-aligned functionality.
- Implemented performance optimizations including caching strategies, image compression, and on-page SEO to improve load speed and search visibility.
- Integrated analytics tracking and event-based lead capture systems to enable data-driven insights and structured client data collection.
- Managed domain setup, hosting environments, DNS configuration, SSL implementation, and deployment workflows.
- Led full project lifecycle from requirements gathering and wireframing to launch and post-deployment maintenance.

AMC NETWORKS / Manhattan, NY

Computer Scientist & Data Analyst (Internship & Part time)

06/2022 to 12/2022

- Developed and maintained web properties using HTML, CSS, JavaScript, and WordPress to support digital merchandising and sponsorship initiatives.
- Transformed web and social media analytics data into actionable insights using Google Analytics, contributing to performance optimization and user engagement improvements.
- Designed wireframes in Figma to streamline website development workflows and improve UI consistency.
- Conducted technical and functional testing of prototype and production web assets, ensuring alignment with business and design requirements.
- Collaborated with cross-functional teams and senior leadership to present analytical findings and propose data-driven improvements.

PROJECTS

- **Feedia — Full-Stack Web Application (2025 AI-Assisted Development):** Developed a full-stack web application using a vibecoding (AI-assisted) workflow, defining system architecture and structuring backend logic for RESTful API communication between a React (Vite) frontend and a Python backend. Designed and connected a MySQL database to manage persistent application data, implementing structured endpoint logic and request/response handling for reliable data processing. Integrated third-party APIs, validated and refined AI-generated code to ensure architectural consistency, and deployed the application to Vercel using Git-based version control workflows.
- **IOS Restaurant App (2023):** Built a Swift app with a localhost API, using JSON to manage and update menu items.
- **Golf Shots and Scoring Report (2022):** Developed in JavaScript with Eclipse to track player scores and calculate points based on attempts.
- **Restaurant Tip Calculator Application (2022):** Designed an Android app in Android Studio to calculate restaurant tips quickly and accurately.

VOLUNTEER EXPERIENCE

The American Turkish Society (Jan 2024 - June 2024)

- Developed and managed event content per week and registrations to strengthen Turkey–U.S. relations, including key support for the annual gala and Eventbrite coordination.
- Collaborated closely with cross-functional teams to ensure smooth event execution and maximize attendee engagement.
- Prepared and managed the HubSpot platform to optimize marketing strategies and enhance audience engagement.

Humanitarian Aid Volunteer – Earthquake Relief Efforts (Feb 2023 - Mar 2023)

- Volunteered in earthquake relief efforts in Turkey, coordinating the collection, sorting, and distribution of clothing donations. Collaborated with local organizations and international NGOs to ensure efficient delivery of aid. Supported community outreach to raise awareness and mobilize resources and volunteers.
- Planned and executed logistics strategies to ensure efficient transportation and distribution of aid, demonstrating adaptability, critical thinking, and strong problem-solving skills in high-pressure environments.

ACTIVITIES, LANGUAGES AND INTERESTS

- **PC Hardware and Custom Builds:** Built and upgraded multiple high-end PC setups with deep knowledge of component compatibility, cooling, and performance tuning.
- **Travel & Culture Explorer:** Passionate about exploring diverse cultures through travel. Skilled in planning, budgeting.
- **School Athlete:** Soccer, swimming, and volleyball
- **School Clubs:** Art and Technology Club at Newark, Member and Organizer for Gaming Club at Newark Campus
- **Languages:** English (native speaker), Turkish (native speaker), Spanish (basic), German (basic), Italian (basic)