

# Martin Young

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Full-Stack Engineer | Cloud Specialist

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

## Summary

Application Support and Full-Stack Engineer with 5+ years of experience in troubleshooting, developing, and optimizing modern web applications with a strong foundation in cloud platforms, full-stack development, and high-impact problem-solving. Proven expertise across Microsoft Azure, C#/.NET, React, Node.js, and MongoDB. Known for solving high-impact production issues quickly, improving cloud performance, and delivering scalable systems across finance and telecom industries. Now seeking a full-time, long-term role where I can own features over multiple releases, raise reliability, and mentor through clean, testable code.

## Technical Skills

Languages: JavaScript, Typescript, C#, SQL, HTML, CSS

Frameworks & Libraries: React, Node.js, Express.js, ASP.NET, MongoDB

Cloud & DevOps: Azure App Services, Azure Storage, Azure Monitor, Application Insights, KQL, Redis

Tools: Kubernetes (AKS), Github, Github Actions, Postman, NewRelic, FullStory, Storybook

CI/CD & Workflow: Agile/Scrum, Jira, MailGun, SSRS

## Professional Experience

**Software Engineer – Externship (Electric City Aquarium)** Remote, USA | May 2024 – Current

*Technologies: TypeScript, React, Vite, TailwindCSS, Storybook, Vitest, GitHub Actions/Pages*

- Developed an educational kiosk touchscreen application deployed live for public use by students, families, and educators to make learning fun and interactive.
- Collaborated with an engineering team utilizing Agile practices in feature planning, code integration, and quality review to strengthen version control and ensured component reusability and style consistency across the project.
- Built using TypeScript, React/Vite, and TailwindCSS, the app utilized Storybook for isolated visual testing, Vitest for unit testing to ensure component reliability, and GitHub Actions to manage CI/CD workflows

**Software Engineer- Freelance**

Remote, USA | Mar 2024 - Current

*Technologies: JavaScript, React, Vite, Node.js, Express.js, MongoDB, Google Cloud*

- Built and deployed a full-stack MERN application connected to a MongoDB database on a Google Cloud VM, testing RESTful API endpoints for secure CRUD operations
- Implemented session management and user authentication, adhering to modern security best practices to protect user data
- Implemented a CI/CD pipeline using GitHub workflows to deliver reliable and testable application features across multiple SDLC environments
- Collaborated in Agile workflows using GitHub, Git, Jira, and branching strategies to deliver clean, maintainable code via pull requests and code reviews
- Managed cloud infrastructure and deployment by provisioning and maintaining Google Cloud VMs, showcasing experience with production-ready hosting and scalable application architecture.

**Microsoft Corp – Technical Engineer, Azure Storage Team**

Austin, TX | Jan 2024 – Mar 2024

*(Contract; ended early due to vendor cancellation)*

- Troubleshooted and optimized delays and failures on storage accounts by identifying performance bottlenecks using Storage Metrics/DataLens and updating configuration parameters to resolve integration issues improving end-to-end performances.
- Resolved Redis cache latency and Storage API failures and connectivity issues which improved response time and helped restore reliable service access across distributed environments.
- Diagnosed and resolved Azure Storage authorization failures affecting secure access to storage resources by reviewing token flows, RBAC assignments, and authentication logs providing step-by-step remediation ensuring proper access control.

**FirstClose Corporation – Software Engineer Level 1**

Austin, TX | May 2022 – Nov 2023

- Collaborated in an Agile team environment to enhance front-end UI elements, adjusting layouts, shapes, and colors with CSS and React styling improving design consistency and user experience.
- Used New Relic and Lens to monitor, reproduce bugs and debug Javascript/React AKS-hosted services, including issues related to user management workflows (account creation, updates, deletions) in a newly deployed Kubernetes environment resulting in reduced resolution time for production issues.
- Used Postman, New Relic and LENS to simulate user behavior, inspect API payloads, track session behavior, and debug authentication and notification flows, resulting in improved reliability of user onboarding and proactively reducing and resolving repetitive issues
- Integrated MailGun to automate account verification, password resets, and loan status notifications
- Modernized and maintained SSRS reports that supported business intelligence for equity loan applications by enhancing SQL queries, modifying report structures and adding features like recipient-based email delivery to improve report accuracy.

**Microsoft Corp – Technical Engineer, Azure App Service**

Charlotte, NC | Jun 2020 – Dec 2021

- Triaged and resolved 2–3 customer tickets/day using AppLens, FileShark (memory dumps), KQL, and App Insights; accelerated time-to-resolution and stabilized customer apps.
- Supported enterprise customers by diagnosing, deploying, configuring, and resolving C# and JavaScript performance issues resulting in improved environment reliability and reduced downtime.
- Guided users through scaling instances and configuring memory reallocation leading to successful configuration fixes and reduced incidents.
- Developed technical documentation to accelerate and support onboarding and resolution workflows, enhancing team efficiency, reducing investigation time and improving onboarding experience.

**Charter Communications – Technician Specialist**

Charlotte, NC | Jun 2019 – Jun 2020

- Improved consistency/efficiency of technical support call routing and customer service team resolutions by analyzing and interpreting Visio-based troubleshooting flows embedded with HTML and JavaScript logic into an internal call center technology environment, reducing troubleshooting tickets by approximately 40%.

**Technical Projects**[Make a Shark!](#) | React, TypeScript, Vite, Tailwind.css

- Frontend interactive kiosk web app game to educate in a fun and interactive way

[News Explorer](#) | [Github](#) – JavaScript, React, HTML, CSS, Express.js

- Frontend for news article saving with a Node.js/Express backend and deployed via Google Cloud

[What to Wear](#) | [Github](#)(Frontend) | [Github](#)(Backend) - JavaScript, React, HTML, Node, Express.js, MongoDB

- Full-stack app for managing clothing articles with secure session handling

[Around the US!](#) | [Github](#) – JavaScript, React, HTML, CSS, Node, Express.js, MongoDB

- Social media-style photo-sharing app with token-based auth and reusable components
- deployed to both [Github Pages](#) and [Azure](#)

[Winter Vacation](#) | [Github](#) – JavaScript, HTML, CSS

- Route and resort planner with advanced filters and interactive maps

[Martin's Book Shop](#) – C#, .NET, Azure, SQL

- An e-commerce system with secure logins, PayPal integration, and Azure-hosted SQL backend

## Education & Certifications

TripleTen (Current) – Software Engineering Certificate (React, Express, Node)

NuCamp (2022) – Python/PostgreSQL Web Development

Tech Talent South (2020) – Frontend (React, JavaScript)

Coder Foundry (2018) – C# Full-Stack with ASP.NET

SUNY Ulster – (2013) A.A.S. in Individual Studies

## Interests

Playing Guitar, Mountain Biking, Going to the movies!