

Taylor Kelley

Software Developer

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TECHNICAL SKILLS

TypeScript and C#	ASP.Net Core Blazor	Express JS (with NodeJS)	PowerBI Reporting
HTML and CSS	React and Next JS	ASP.Net Web API	SQL and No-SQL
GraphQL and REST APIs	Version Control (Git/TFS)	Jest (Unit tests)	Docker

ABOUT

I am a Full-Stack Software Developer working with both TypeScript and C# frameworks. I am currently employed with the Alabama Law Enforcement Agency under their New App Development team. I have lead a number of projects including the re-development of the agency's Intranet site, which I received special recognition for from the CIO on account of the modern design and smooth user experience.

I enjoy studying various JavaScript based frameworks like React and Express JS. As a side project, I am in the process of building out a open-source micro-service suite to provide functionality for user authentication, billing, mailing, and other internal services.

PROFESSIONAL EXPERIENCE

SOFTWARE DEVELOPER | ALABAMA LAW ENFORCEMENT AGENCY - 06/2023 TO PRESENT

- Redesigned and rebuilt the agency's intranet application from the ground up using Blazor Server, significantly improving usability and maintainability.
- Assisted with the implementation of Azure AI into the intranet site.
- Coded full-stack apps and features using C#, HTML, CSS, and vanilla JavaScript, gaining hands-on experience with component-based architecture and server-side rendering.
- Built and maintained reports using Power BI, Active Reports, and SSMS, enhancing internal visibility into key operational metrics.

SYSTEM ADMINISTRATOR | ALABAMA MEDICAID AGENCY - 08/2021 TO 06/2023

- Managed secure file transfers using GoAnywhere MFT, setting up automated workflows and user accounts based on customer requirements.
- Communicated with external clients to gather technical needs and implement tailored, reliable sFTP solutions.
- Used PowerShell scripting to generate reports on Active Directory users and server data, improving system visibility and administrative efficiency.

PROJECTS

AUTHENTICATION API (TS WITH EXPRESSJS)

<https://github.com/TayLabs/Auth>

- Implemented Session based auth with an access/refresh token architecture, tracking the token whitelist and authenticated devices.
- Optional Two Factor authentication with TOTP tokens and email verification features
- Comprehensive Role Based Access Control (RBAC) with admin routes to manage them

RICH TEXT EDITOR FOR BLAZOR (C# WITH BLAZOR AND VANILLA JS)

<https://github.com/TaylorGKelley/RichTextEditor>

- Serialization to JSON/Object data format to prevent any XSS (cross site scripting) vulnerabilities
- Custom rich text editor with text formatting and highlighting
- Support for insertion of Images and hyperlinks

EDUCATION

WESTERN GOVERNORS UNIVERSITY | M.S. in Cyber Security and Information Assurance

Salt Lake City, Utah | 2022

WESTERN GOVERNORS UNIVERSITY | B.S. in Cyber Security and Information Assurance

Salt Lake City, Utah | 2021

ACHIEVEMENTS

- Microsoft Database Fundamentals (MTA 98-364) — Feb 2020
- Certified Ethical Hacker | May 2021 — *Inactive*
- CompTIA Security+ | Jul 2020 — *Inactive*
- CompTIA Network+ | Dec 2020 — *Inactive*
- CompTIA A+ | Nov 2020 — *Inactive*