



CONTACT

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MATT FREDERICKS

EDUCATION

Bachelor of Science in Computer Science and Software Engineering
Oregon State University
2014 – 2023
GPA: 3.3

Associates of Science in Network Technology Services
Santa Fe College
2008 – 2010
Honor Society: Phi Theta Kappa
GPA: 3.8

Bachelor of Arts in French
State University of New York at Buffalo
2000 – 2004

SKILLS

Programming, Scripting, Libraries, and Frameworks-

Proficient: Python 3, JavaScript, C++, Dart, Flutter, HTML 5, CSS 3
Familiar: C, C#, x86 ASM (Assembly), BASH, PowerShell

Databases-

Proficient: MySQL, MS SQL Server T-SQL, Azure
Familiar: MongoDB and NoSQL (Google Firestore)

Software and Tools-

Proficient: Github, Git, Visual Studio Code, PyCharm, &
SSMS (SQL Server Management Studio)
Familiar: NPM(Node Package Manager) & MySQL Workbench,

CURRENT PROJECTS

Developed an android mobile app for the Urban Suburban Department at BOCES to allow parents to apply for the Inter-district Transfer Program for the following academic year. The app was developed with Dart and the Flutter SDK. The backend of the app is hosted in Google Firestore DB and is presently available in the Google Play Store. Presently working on a porting the app over to iOS.

WORK EXPERIENCE

Monroe One BOCES

Senior Network Technician

2016 – 2022

Developed custom software solutions with Microsoft's Power Platform for the Urban Suburban Department. Supported on premises SQL databases for Wincap (ACA) and the business office's worker's compensation report server. Set-up and maintained various SQL instances in Azure (cloud). Sole system administrator and technical lead at the RIC (Regional Information Center) for numerous hosted and managed services such as Infinite Campus, Tableau, Jamf Pro, and WinCap.

Retrotech Inc.

Junior System Administrator

2014–2016

Back-end database administrator for custom developed applications. System administrator for development team's MS Project Server. Implemented layer seven Palo Alto firewall for new operations center in West Henrietta, New York. Set-up and deployed Citrix XenApp and XenDesktop virtual environments for customer remote support.

Unisys

Service Support Representative level 2

2012- 2014

Responsible for escalated tickets in a tiered helpdesk system. Utilized remote support tools to troubleshoot and resolve various application and network related issues for end users. Published articles for internal wiki knowledge base to resolve commonly known problems. Consistently followed-up on assigned tickets to ensure timely resolution within SLA requirements.

Saliwachik, Lloyd, & Eisenschenk

Network Technician

2010 -2012

Set-up and managed WDS (Windows Deployment Services) to deploy Windows 7 Professional to all client workstations throughout the organization. Leveraged ADUC (Active Directory Users and Computers) for user account management across the internal domain. Modified Group Policy to implement security policies consistent with best practices. Implemented new help desk and inventory tracking system and installed product upgrades when necessary. Frequently updated the slepatents.com modifying HTML, CSS, and javascript code to maintain site functionality.
