

ALEX FRIEDRICHSEN

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EDUCATION

University of St. Thomas

B.A. Economics, B.A. Political Science

2009-2013

Minor in Justice and Peace Studies

WORK EXPERIENCE

Information Security Specialist IV, Officer

U.S. Bancorp, Inc. - Information Security Services

2013-present

- Designed and maintain an automated JavaScript reporting application for data sourced from several identity and access management tools. Rendered automated reports using React web app.
- Wrote and maintain custom .NET (C#) libraries used for integrating legacy applications into Office365/Azure infrastructure.
- Designed and maintain a “MERN” (NoSQL(MongoDB)/Express/React.js/Node.js) solution for managing non-human application accounts for all Bank applications.

IT Contractor

TekSystems, Inc.

2013

- Used SQL and Python to create automated reports on workstation and server vulnerabilities. Served reports using Django.
- Maintained and optimized database stored procedures and functions, eliminating the support work of two full time analysts.
- Maintained Java application responsible for generating regularly scheduled reports.

Student Support Engineer

University of St. Thomas

2009-2013

- Used SQL, SSIS and SSRS to create custom report packages to track loanable technology assets (laptops, projectors).
- Contributed to the design of a self-service web application in Django for fetching reports on loanable technology assets.
- Maintained legacy JavaScript code used for tracking call-center support incidents.

SKILLS

- 6 years' programming experience: Python (6 years), JavaScript (“Vanilla”/Standard JS- 6 years, Node.js - 5 years), .NET(C# - 5 years), SQL (T-SQL-5 years, PL/SQL-6 years)
- 5 years' experience engineering large scale, secure (hybrid) public cloud environments (Azure, AWS)
- Experience engineering against latest user and financial regulatory frameworks (GDPR, SOX, PCI DSS 3.2)
- 4 years' experience with DevOps/CI infrastructure (Jenkins, Gradle, SaltStack, Docker).