

Stephen Howland

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EDUCATION

Missouri University of Science and Technology Rolla, MO
• **B.S. Computer Engineering** *summa cum laude* GPA: 3.86/4.0
• **B.S. Computer Science** *summa cum laude*

TECHNICAL SKILLS

AWS, Azure, Python, SQL, React, Javascript, Node.JS, React-Bootstrap, Full Stack Development
Docker, NGINX, Github, C, C++, Java, Power BI, Spotfire, Excel, Google Big Query
T-SQL (SQL Server), ANSI SQL/PSM (MySQL), PL/SQL (Oracle), PL/pgSQL (PostgreSQL)
Linux, Windows, SSMS, SSIS, SSRS, PowerShell (PS), Batch, REST, SOAP
ETL Automation, API Integration, Database Migration, Data Visualization, Business Intelligence
Web App Development, Data API Design, Cloud Migration, Containerization,
AI Technologies, Neural Networks, Tensorflow, Deep Q-Learning

EXPERIENCE

Bird Conservancy of the Rockies Denver, CO
Informatics Program Manager & Full Stack Developer (Remote) Sept 2022 - Present

- Design, code, and test applications for APIs, web and data platforms using Python, Javascript, React, Node.JS, T-SQL, Power BI, NGINX, Docker, and Azure. Update and refactor legacy code, create documentation, migrate apps to new platforms.
- System Administrator and Database Administrator (DBA) for the organization, provide technical guidance on app architecture and optimize existing solutions.
- DevOps Manager, documented the org's application suite and mapped the network infrastructure. Actively maintain status boards and documentation. Work with the org to capture & deliver project requirements, priorities, and project schedules.
- Work collaboratively and as a liaison with our IT partner for assistance with server maintenance and ticket resolution.

Enstoa, Inc. Denver, CO
Senior Analyst - Integration Specialist (Remote) Nov 2021 - Aug 2022

- Designed & developed integration solutions using PowerBI, Google Big Query, Power Query, Unifier Adapters and documented the design following Enstoa's best practices
- Provided technical assistance to troubleshoot and resolve data integration issues.
- Built data migration PL/SQL scripts for bulk updating/transforming production data.

ICD Technology Golden, CO
Tier 2 Application Support Engineer (Remote) Jan 2020 - Feb 2021

- Self managed product support issues by directly responding to customers and working with colleagues to investigate errors in the application code, including Java, Oracle PL/SQL, SFTP integrations, and various Linux & Windows based systems.
- Created & automated custom data integrations and BI reports for clients as well as enhanced supporting operations using Python, Oracle, Excel, HTML, and Twilio.
- Proactively innovated the app, including designing a dark mode now used in production.

Please find my full resume at www.stephenhowland.info