

Tyler Arista

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EDUCATION

Calvin University | Grand Rapids, MI
Bachelor of Computer Science, Data Science Minor

Aug 2021 - May 2025
GPA: 3.32

EXPERIENCE

Applications Engineer, Associate

May 2025 - Present

Steelcase | Grand Rapids, MI

- Author technical documentation for custom system enhancements supporting a large-scale enterprise platform migration, outlining business justification, end-to-end process flow, and detailed data retrieval/hand-off logic for APIs, data utility methods, and logistic documents.
- Develop and maintain custom ABAP programs supporting SAP Transportation Management, translating business requirements into scalable application logic, data structures, and integration points.
- Support SAP TM system by investigating and resolving production incidents, including batch job failures and data inconsistencies, using debugging and root-cause analysis to restore business operations.

Software Engineer Intern

May 2024 - May 2025

Steelcase | Grand Rapids, MI

- Contributed to the design and development of a full-stack ASP.NET MVC application using C#, SQL, and MVC patterns to support custom product orders for 700+ dealers and processing 1,000+ requests per month.
- Integrated the application with ServiceNow to automatically create incidents during the custom quoting process, enabling faster issue tracking, cross-team visibility, and improved resolution of quoting-related problems.
- Collaborated with business stakeholders through recurring review sessions to discuss delivered features, collect feedback, and understand requirements for future features.

IT Security Intern

May 2023 - Aug 2023

Steelcase | Grand Rapids, MI

- Implemented Password Protection Standard for ~12,700 users by deploying and configuring password protection proxies and domain controllers, strengthening password policies and reducing exposure to compromised credentials.

PROJECTS

Calvin Electronic Medical Record | Angular, NodeJS, Firebase

August 2024 - May 2025

- Built new EMR features that leverage existing Firebase-backed data services, adding OB/GYN and pediatric assessment modules, supporting structured clinical data entry, and enabling data retrieval and PDF exports using Firebase services for clinical simulations and classroom evaluations.
- Collaborated weekly with nursing faculty stakeholders to present newly developed features, gather feedback, prioritize feature requests, and convert real-world health workflows in production-ready code.

Skills

Programming Languages: C#, TypeScript/JavaScript, Python, SQL, ABAP

Frameworks: Angular, React, ASP.NET Core (Web API), Node.js

Databases & Data Modeling: SQLite, SQL Server, PostgreSQL, Firebas

Cloud & DevOps: Microsoft Azure, Docker, CI/CD

Tools & Platforms: Git, Azure DevOps, Postman, SAP Transportation Management (TM)