Tyler Arista

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SUMMARY

Applications engineer with full-stack development experience, supporting SAP Transportation Management (TM) for a global manufacturer. Serve as the primary technical contact for TM, resolving production issues across ABAP, API, and EDI integrations, and building solutions with C#/.NET, SQL, and TypeScript.

EXPERIENCE

Applications Engineer, Associate **May 2025 – Present**

Steelcase *Grand Rapids, MI*

- Serve as the primary technical contact for SAP TM across the end-to-end transportation process (carrier selection, tendering, execution, and freight settlement) and its integrations with RoadVision, MacroPoint, project44, and OpenText EDI, resolving production incidents through ABAP debugging and root-cause analysis.
- Restored carrier tracking after ~500 outbound MacroPoint messages failed: traced the error by debugging the outbound call, confirmed a changed vendor certificate, coordinated the fix with the vendor and SAP Basis, and reprocessed the full backlog.
- Restored fleet dispatchers' access to the RoadVision dispatch system by isolating the cause across SAP TM, VPN, remote desktop, and network layers through controlled testing, then handing IT Security an actionable diagnosis that prevented missed pickups.
- Authored functional specifications and ran functional testing for SAP TM and EWM custom developments during a large-scale enterprise SAP transformation; coordinated cross-team dependencies to keep testing on schedule.
- Led end-to-end testing of multi-pick freight orders between SAP TM and RoadVision with transportation and fleet teams, then presented validated results to business stakeholders.
- Build ABAP enhancements (e.g., more frequent shipment status updates) and maintain a .NET reporting application and Selenium automated test suite using Azure DevOps and Git.
- Onboarded and trained two engineers on SAP TM, creating reference guides on processes, transactions, and troubleshooting.

Software Engineer Intern **May 2024 – May 2025**

Steelcase *Grand Rapids, MI*

- Developed features for a full-stack ASP.NET MVC application (C#, SQL) supporting custom product orders for 700+ dealers and 1,000+ requests per month.
- Integrated the application with ServiceNow to automatically create incidents during custom quoting, improving issue tracking and cross-team visibility.
- Demoed delivered features in recurring stakeholder reviews and used feedback to shape upcoming work.

IT Security Intern **May 2023 – Aug 2023**

Steelcase *Grand Rapids, MI*

- Implemented a password protection standard for ~12,700 users by deploying and configuring password protection proxies and domain controllers, reducing exposure to compromised credentials.

PROJECTS

Calvin Electronic Medical Record | *Angular, Node.js, Firebase* **Aug 2024 – May 2025**

- Built OB/GYN and pediatric assessment modules for a nursing-education EMR, with structured clinical data entry, data retrieval, and PDF export for clinical simulations.
- Met weekly with nursing faculty to demo features, gather feedback, and turn real clinical workflows into production-ready code.

EDUCATION

Calvin University — Bachelor of Computer Science, Data Science Minor **May 2025**

SKILLS

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

Frameworks: ASP.NET Core / MVC, Angular, React, Node.js

SAP & Integration: SAP TM, SAP EWM, SAP GUI / Business Client, ABAP debugging, REST APIs, EDI

Data: SQL Server, PostgreSQL, Firebase (NoSQL), SQLite

Tools: Git, Azure DevOps, Microsoft Azure, Docker, CI/CD, Selenium, ServiceNow, Postman