EMILY ANDERSON
Innovation Engineer

SUMMARY

Seasoned Innovation Engineer adeptly bridging the gap between technology and business, specializing in Agile methodologies and a wide array of technical proficiencies, including Generative AI, Machine Learning, and SQL. I've led the development of innovative proofs of concept, educational curricula, and efficient technical solutions. I'm highly skilled in technical documentation, rule development, and vendor analysis. Beyond my professional roles, I'm an active community leader, serving as a Women Techmakers Ambassador and Google Developer Groups Organizer.

EXPERIENCE

Innovation Engineering Consultant   (2022-Present)
Blue Shield of California / Stellarus
- Investigate and adopt emerging technologies proposed for use in the enterprise
- Develop and present Proofs of Concept, Vendor Analysis and Architecture Diagrams to leadership and business stakeholders
- Create educational curricula for internal developers adoption and implementation of the technology; onboard new vendors
- 2022: Red Hat OpenShift and Kubernetes Containerization
- 2023: Generative AI with Google's Vertex AI and Microsoft ChatGPT/Azure, Dell Boomi, SMART on FHIR
- 2024: Synthetic Data, Cloud Migration, GenAI Coding Assistants

Sr Software Developer (2021 - 2022)
Populus Group @ Blue Shield of California
- Supported production environment software, troubleshooting issues and implementing improvements
- Designed technical solutions for business needs
- Documented existing daily processes and current code base

Sr Application Developer (2019 - 2021) Aetna
- Implemented Database Best Practices Standards
- Developed and maintained business rules using InRule BRMS and SQL
- Trained team members in rules and SQL coding patterns
- Provided ad-hoc reports, data visualizations, and queries
- Utilized API services for data integration
- Promoted to Correspondence Team Technical Lead

CONTACT

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SKILLS

- Agile methodologies
- Technical analysis
- Technical documentation
- Performance optimization
- Curriculum development
- Public Speaking
- Cybersecurity best practices
- DevSecOps
- Generative AI
- Machine Learning
- SQL (MS SQL, T-SQL, Oracle SQL, PL/SQL)
- Confluence (GRID)
- SharePoint
- Curriculum Development
- Business Rules Development
- Certified SAFe 5 Agilist

EDUCATION

University of Minnesota, Duluth
- B.S. Psychology; concentrations in English, Humanities, and Communications
- Honors Graduate

Android App Development Nanodegree: Google/Udacity

Community Involvement

- Women Techmakers Ambassador
- Google Developer Groups Organizer

Database and Rules Developer (2016 - 2019)
State of Minnesota IT Services
- Performed database development in Oracle using SQL and PL/SQL
- Engaged in data mapping and data translation programs
- Developed business rules using Red Hat Drools and Java
- Assisted in requirements document development
- Provided leadership and training for team members

- Secretary, Brainerd Public Library Board of Directors
- Chair, Crow Wing County Social Media Committee