

MATT KOSTER

Greater Grand Rapids Area, MI 49428 · 616-856-6570

matthew.jay.koster@gmail.com · [LinkedIn Profile](#)

Empathetic, people-first software engineer with a passion for solving complex problems alongside a team of peers, building world-class solutions, and fostering a collaborative, motivated environment.

EXPERIENCE

2023 – 2025

CONNECTED PRODUCTS TEAM LEAD & SOFTWARE DEVELOPMENT MANAGER, VERVINT

Led teams of 5–12 developers with a focus on mentorship, growth, and team cohesion. Supported junior engineers in adopting sound coding practices and navigating complex challenges. Helped shape engineering and business processes across a 40+ person team, fostering cross-functional communication and a culture of continuous learning.

PROJECT: EMBEDDED HARDWARE ENGINEERING ADVISORY, BOBCAT COMPANY

- Served as a liaison between Bobcat's IoT Cloud Platform and Embedded Engineering teams during development of their next-generation vehicle Wi-Fi connectivity module.
- Provided strategic guidance on AWS IoT best practices and architectural design, resulting in an implementation plan which engineering leadership could use to move forward confidently.

2021 – 2023

SENIOR CLOUD CONSULTANT, VERVINT

Led teams of 3–5 consultants to deliver six-figure technical projects for multiple clients. Provided regular feedback to support teammates' personal and professional growth. Co-founded and facilitated a technical leadership group within the Connected Products team, which became a model adopted across the organization.

PROJECT: IOT PLATFORM BUILD, APERIA TECHNOLOGIES

IoT Core, Fleet Hub, TypeScript on Lambda, API Gateway, Timestream, Athena, Kinesis

- Led the development of a next-generation IoT platform built on AWS, leveraging a broad suite of AWS services.
- Employed DevOps best practices, including a CDK-based infrastructure, CI/CD pipelines, SonarQube security scanning, Jest unit testing, and ESLint linting.
- Co-led a team of three developers utilizing Agile Scrum project management. Supported a team member's growth into a leadership role in pursuit of promotion.
- Translated stakeholder needs into actionable user stories.
- Upheld code quality by balancing code reviews with hands-on development.

PROJECT: IOT PLATFORM MAINTENANCE, TRAEGER

IoT Core, NodeJS on Lambda, DynamoDB, Serverless Framework, Azure DevOps, GitLab Pipelines

- Stepped into an unofficial tech lead role on a large-scale IoT platform managing over 750,000 connected devices. Identified a lack of team direction and proactively assumed leadership responsibilities, including task delegation, issue ownership, and technical oversight.
- Provided clarity and reduced team stress through structure and support, leading to improved team performance and a promotion from Consultant to Senior Consultant.

2014 – 2021

DEVELOPER & CONSULTANT, VERVINT

Worked with clients in collaborative, Agile environments alongside cross-functional teams that included sales reps, scrum managers, architects, and project leads. Stepped into leadership roles on two projects lacking designated leads or architects due to resource constraints.

PROJECT: FUNCTIONAL TESTING FRAMEWORK, AMWAY

NodeJS on Lambda, JSON, CloudFormation, Cloud-native testing

Built a serverless, configurable functional test suite to validate an evolving supply chain system. Designed an orchestrator Lambda to parse test configs, spin up worker Lambdas in parallel, and aggregate results—making system testing scalable, repeatable, and low-maintenance.

2013 – 2014

APPLICATION DEVELOPMENT INTERN, VERVINT

Developed client-facing solutions for a single client under the direction of various developers and consultants, focused on Microsoft's ASP.NET MVC, SQL Server, SSIS, and SSRS technologies. Succeeded in learning and delivering project solutions in many technologies with which I was unfamiliar.

EDUCATION

2014

BS IN COMPUTER SCIENCE, CALVIN UNIVERSITY

Maintained a GPA of 3.9+, awarded Dean's list membership for 8 cumulative semesters. Awarded Trustee's scholarship, the highest scholarship awarded for academic excellence.

MANAGEMENT SKILLS

- Team-focused servant leadership
- Team strategic direction and vision-casting
- Learning and growth mindset for self and others
- Emotional Intelligence, based on reported trust from team members
- Responsive, clear communication
- Meeting direction and facilitation
- Deep technical understanding

TECHNICAL SKILLS

- AWS serverless technologies, including Lambda, API Gateway, S3, DynamoDB, SQS, SNS, SES, EventBridge, and others.
- REST APIs, with limited GraphQL API experience
- X.509 Certificates, Authentication, and Authorization
- AWS IoT Core including MQTT5
- Git, GitHub, GitLab, Bitbucket, Azure DevOps
- JavaScript and TypeScript
- HTML and CSS

ACTIVITIES & CERTIFICATIONS

- AWS Certified Solutions Architect Professional (2021-2024)
- AWS Certified Developer (2019-2024)
- Participant in Vervint's GROW Training Program
- Participant in Vervint's ELEVATE Training Program
- Routine planner for and participant in company "out-of-office" events, such as happy hours, board game day, and volleyball league