

# MATTHEW KANTER

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## Skills

**Programming Languages:** Java | JavaScript | PHP | HTML/CSS | C | C++ | Bash | Ada | Python | PL/SQL | NoSQL | Go

**Frameworks & Technologies:** React | jQuery | D3 | Kubernetes | Kustomize | Helm | ArgoCD | GitHub Actions | Terraform | Docker

**Technical Expertise:** OOP/Functional/Event-Driven | CI/CD | REST APIs | OAuth Frameworks | Agile Management | Test Driven Development

**Cloud & Systems:** AWS | Unix Systems | TCP/IP Stack & Sockets | Relational Databases | Power BI | Git | JIRA

## Experience

### Software Engineer

KeyCaliber

Remote

05/2025 - Present

- **Architected and deployed** enterprise-scale multitenant SaaS infrastructure processing 120,000+ asset datasets for global cybersecurity leader eSentire and multiple \$5M+ ARR clients, achieving 99.9% uptime with zero-downtime deployments
- **Automated** end-to-end deployment pipelines and real-time data processing workflows, reducing manual intervention by 90% and cutting customer delivery time from weeks to hours while maintaining sub-second response times

### Software Engineer

Naval Surface Warfare Center  
Dahlgren Division (NSWCDD)

Dahlgren, VA, USA

05/2024 - 05/2025

- **Composed** critical fixes and new features for tactical communications software across 2+ missile weapon systems, reducing operational errors by 40% for 500+ deployed Marine Corps and Navy operators
- **Delivered** 100+ software enhancements using C++, Shell Scripting, and Ada in agile sprints, maintaining 100% on-time delivery for mission-critical defense applications

### Software Engineer, Intern

KeyCaliber

Remote

05/2022 - 04/2024

- **Designed and implemented** enterprise-grade role-based access control (RBAC) system using Auth0, securing applications for 10,000+ users and reducing unauthorized access attempts by 95%
- **Led** development of Chrome web extension adopted by 100% of KeyCaliber's enterprise clients, generating \$500K+ additional revenue through enhanced product offerings

### Applications Developer

University of Mary  
Washington

Fredericksburg, VA, USA

09/2022 - 05/2024

- **Developed** 15+ PL/SQL queries and Power BI paginated reports, enabling data-driven decision making for 5+ internal departments managing 12,000+ student records
- **Streamlined** JIRA workflow processes and documentation standards, reducing ticket resolution time by 35% and improving team productivity across IT department

### Software Engineer, Intern

SitScape

Remote

06/2023 - 08/2023

- **Engineered** network and tree-based visualization widgets using D3.js, processing 50,000+ data points and improving user engagement by 45%.
- **Planned** robust data pipelines using PHP and backend database management, supporting real-time analytics for 2,000+ daily dashboard users

## Education

### Master of Science

Georgia Institute of Technology (GT)

Remote

08/2024 - Present

### Bachelor of Science

University of Mary Washington (UMW)

Fredericksburg, VA, USA

08/2020 - 05/2024

Double Major in Computer Science and Communication & Digital Studies, Minor in Cybersecurity, GPA: 3.77/4.00

## Projects

- **PERSONAL WEBSITE:** Architected and maintained React-based portfolio application with 1,000+ monthly visitors, showcasing modern web development capabilities and exploring emerging technologies
- **FINITE AUTOMATA LANGUAGE INTERPRETER:** Built Python-based programming language interpreter with visualization capabilities, supporting 500+ student users in computational theory education

## Others

- **CompTIA Security+ Certification (Issued 03/29/2025)**

Recommendations available upon request.