Contact

Mason, OH
parthasvasan@gmail.com

www.linkedin.com/in/partha-
sreenivasan-2864841 (LinkedIn)

Top Skills

DevSecOps
Microsoft Azure
Solution Architecture

Certifications

AWS Certified Advanced Networking
– Specialty

Partha Sreenivasan

Cloud Security | Offensive Security | Data Protection | Application
Security | Secure SDLC | Enterprise Architecture
Mason, Ohio, United States

Summary

Experienced technology leader for over 25 years with a focus on
software engineering, data protection, cloud security, offensive
security, and application security. Extensive knowledge in
architecting complex systems both on-premise and in cloud
environments. Experience leading cybersecurity initiatives focused
on cyber threats and their tactics, techniques, and procedures
including threat emulation and threat detection.

Experience

GE Aerospace
Principal Architect - Cybersecurity
July 2023 - Present (2 years 7 months)
Cincinnati, Ohio, United States

Technical lead within Security, Risk, & Compliance organization responsible
for strategy and implementation of DevSecOps. Leads the migration and
consolidation of development platforms, integration with security tooling, while
also working to scale the impact on our business customers and partners.

Amazon
Sr. TPM - Offensive Security
May 2022 - June 2023 (1 year 2 months)

Led the development of a structured and scalable Red Team program
within the Stores Business. Responsible for long-term vision and driving the
implementation. Established process rigor and metrics focused on improving
customer experience, quality and scale of assessments. Collaborated with
other Red Teams, Incidence Response, and Threat Intel teams resulting in
improved coverage of TTPs and enhanced detection capabilities.

Amazon Web Services (AWS)
Sr. TPM - Security & Infrastructure Automation
September 2021 - May 2022 (9 months)

GE Aviation

13 years 11 months

Cyber Security Leader - Application Security
September 2018 - September 2021 (3 years 1 month)
Cincinnati Area, KY

★ Cybersecurity Maturity Model Certification (CMMC)

★ Secure software development lifecycle (SDL)

★ Threat Modeling and Security Architecture Assessments based on NIST 800-53, NIST 800-171 and other regulatory controls frameworks

★ Application vulnerability assessments & remediation - SAST/DAST

Cybersecurity Leader - Data Protection
March 2016 - September 2018 (2 years 7 months)
Cincinnati Area, KY

★ Served on the Business Intellectual Property Protection Council as the Cybersecurity Leader for Data Protection. Delivered 100% data protection for identified critical programs and data.

★ Responsible for protecting critical technologies, systems, information, data, and trade secrets from unauthorized access and theft.

★ Spearheaded the Information Rights Management program enabling risk modeling and building threat indicators for a best in class Insider Threat program. Delivered protection for 5 critical applications and over 1.2TB of sensitive unstructured content.

★ Credited with instituting an Integrated Risk Management solution specifically designed to protect Crown Jewel information; integrated this solution with Data Loss Prevention tools for the surveillance of outbound email messages, cloud uploads, and files being moved to external storage. Reduced critical data egress by over 70% and transfer exceptions by 80%.

★ Recognized for designing a Critical Business Data protection and scorecard process as well as best practices.

Data Acquisition Leader
August 2013 - March 2016 (2 years 8 months)
Cincinnati Area, KY

★ Served on an executive leadership team formed to build a predictive analytics strategy.

★ Worked with commercial aviation carriers to communicate the value proposition of sharing performance data gathered from GE Aviation engines during flight, which was critical to the development of enhanced next-gen products.

★ Worked with Operations and Legal to deliver 120 data sharing contracts signed by 70 airlines, building flight data analytics that affected over $250M in CSA and Warranty expenses.

IT Program Manager - Analytics
April 2010 - August 2013 (3 years 5 months)
Cincinnati Area, KY

★ Responsible for the design and implementation of a next-generation Flight Analytics platform, rationalizing over 100 IT tools and leading the consolidation of critical data stores.
★ Oversaw the integration of the Master Data Management (MDM) platform, the GE Engine Asset Management System, and Flight Data Analytics systems, yielding $400K in productivity gains.
★ Led a team of data modelers, ETL developers in implementing the company's first Teradata data warehouse, storing information for over 300 million flights with over 20 billion parameters.

IT Project Manager - Operations
November 2007 - April 2010 (2 years 6 months)
Cincinnati Area, KY

★ Managed the Engine Health Monitoring platform, addressing customer inquiries relating to alerts and reports while reviewing engine performance data to create service and maintenance recommendations.
★ Supervised Quality Assurance personnel that successfully eliminated over 60% of data quality issues.
★ Re-engineered client-facing engine health monitoring web applications; reduced licensing and support fees by 50% by moving to open source J2EE technologies.

MedPlus
Principal Software Engineer
June 2004 - November 2007 (3 years 6 months)

★ Key member of the team charged with taking the solution international – won a $2.5M deal for implementation of Infoway project in the province of Columbia partnering with Sun Microsystems.
★ Architected and built key components of the Care360 Patient Portal capable of parsing lab reports and providing trending capabilities for physicians to monitor patient health.
★ Executed several various improvement initiatives using Six Sigma methodology generating over $250K in savings

Convergys Coporation
Senior Technical Manager
2002 - 2004 (2 years)

★ Led the professional services team working with major clients like Buena
Vista Data casting, TMobile, Palm Computing generating over $500K in
services revenue.
★ Responsible for an enterprise wide adoption strategy for Service Oriented
Architecture across all of global customer care and billing system solutions.
★ Managed the development of enterprise architecture strategies and
blueprints, with responsibility for strategies around integration with web
services, business intelligence, business activity monitoring and CRM
systems.

Convergys Corporation
Senior Systems Analyst
1998 - 2002 (4 years)
Cincinnati Area, KY

★ Lead member of the Palm VII launch team – The first wireless PDA
launched in 1998
★ Lead developer responsible for several custom implementations of the
billing platform
★ Lead operations support for billing, mediation and provisioning platforms

VeriFone
Senior Software Engineer
July 1995 - March 1998 (2 years 9 months)
India

★ Lead developer responsible for implementing credit/debit switches capable
of processing over 5 million transactions per day
★ Led the implementation of secure payment authorization solution onsite for
NCR in Canada and trained NCR team in operational support.

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Education

The Ohio State University Fisher College of Business
MBA, Corporate Finance · (2005 - 2008)

Indian Institute of Science (IISc)
ME, Computer Science and Automation · (1991 - 1995)

MADURA COLLEGE

Bachelor of Science - BSc, Physics and Mathematics · (1988 - 1991)