

Taran Knowles

Principal Architect

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Principal Architect with 8 years of experience across solution architecture, cybersecurity, DevOps, and software engineering. Proven track record in working cross-departmentally to design and build systems to support sales, customer support, legal, and engineering teams.

WORK EXPERIENCE

Principal Architect, Jurassic Environmental Specialists

May 2023 – Present

- Spearheaded an eight-member engineering team to conceptualize and deploy an in-house inspection application for iOS and Android that reduced job completion times by 63%. Leveraged AWS and modern cloud best practices while implementing robust security measures and ensuring regulatory compliance.
- Led the comprehensive full-scale overhaul of our marketing automation platform, email server, and website with zero downtime. Employed agile methodologies and iterative enhancements to optimize system performance, elevate user experience, streamline cross-department operations, and maximize customer acquisition.

Principal Architect, MotionPoint

Apr 2018 – May 2023

- Managed a 6-person SalesOps team to design and implement critical sales tools for the Go-To-Market division. Engineered sales software, API integrations and process automations that improved system interoperability, bolstered partner collaboration, and enhanced operational efficiency.
- Working directly with the CISO and Security Engineering teams, designed scalable solutions aligned with regulatory standards; built cross-department integrations that emphasized data security and ongoing compliance.

Security Engineer, Vijilan Security

Feb 2017 – Apr 2018

- Developed robust threat intelligence systems by curating real-time cybersecurity feeds and conducting advanced digital threat analyses. Strengthened overall system security by proactively identifying vulnerabilities and implementing effective mitigation strategies within our managed service delivery platform.
- Served as the primary technical liaison for customer engagements, executing clear remediation strategies and ensuring the timely delivery of secure solutions.

Senior Software Engineer, Tanish

Jan 2016 – Feb 2017

- Led a 4-person engineering team to develop a high-performance search engine with robust API integrations.
- Established automated testing frameworks and continuous integration pipelines that drove data-informed design enhancements and optimized development processes.

CORE SKILLS

Systems/Enterprise/Cloud Architecture | API Integrations | Microservices | DevOps | CI/CD Pipelines | Amazon Web Services (AWS) | Docker | Virtualization | Software Development | Python | C# | PostgreSQL | System Administration | Linux/Unix Environments | Product Management | Roadmaps | Prioritization | TOGAF/SAFe | Executive Presentations | Vendor Management/Negotiation | Go-To-Market/Sales | Salesforce | Risk Management/Assessment/Mitigation | Cybersecurity & Threat Intelligence | Regulatory Compliance (GDPR/HIPAA/CCPA) | Data Governance | Effective Communication | Mentoring | Interpersonal Skills | Adaptable | Customer Focused

EDUCATION

Florida Atlantic University

Aug 2014 – Jun 2018

Bachelor's Degree, Management Information Systems, Information Security