

Martina Cassidy

Maynooth, Co. Kildare
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SUMMARY

Customer-focused Solution Architect for the last 18+ years, adept at designing and implementing effective technical business solutions within the global IT industry. Proven track record of partnering with business on problem-solving and have cross-disciplined knowledge of information, application, technology and business architectures. Seeking a strategic and challenging senior world-wide technology leadership role in a dynamic organization. Skilled in mentoring teams and collaboration where my diverse skills can be utilized to support change and transformation.

TECHNICAL SKILLS

- Data Analytics
- Cloud (AWS & Azure)
- ITIL, ISO 9K
- Agile & DevOps
- Jira/Redmine
- Power BI & Qlikview
- Oracle & SQL Server
- PL/SQL & T-SQL
- Informatica
- NoSQL
- Hadoop
- Vertica & Redshift
- Toad/Dbeaver
- Erwin
- Subversion/GIT
- Virtualization (Vagrant)
- UML & JSON
- Linux/Unix
- Unix Scripting

PROFESSIONAL EXPERIENCE

Hewlett Packard Inc.

Solution Architect (Graphics Solutions Business)

2016 – Present

- Provide technical leadership and guidance to ensure seamless Customer Relationship Management transition to Microsoft Dynamics.
- Assist senior architects in developing current and to-be systems architecture artifacts.
- Educate and collaborate with senior level business leaders on potential new investment opportunities and partner with program management office on project budget, timelines and resource staffing.
- Consult with and train analysts to effectively access data and optimize Power BI dashboards.
- Present technology solutions to senior level management.
- Lead global data architecture team responsible for coordinating and guiding asset road mapping activities, setting Application and Data Architecture Standards.
- Serve as a catalyst in the resolution of complex system and business issues and oversee projects that are to solve these problems.

Hewlett Packard Inc.

Solution Architect (Supplies)

2012 – 2015

- In 2015, HP executed a major separation which resulted in the split of HP into two \$50 billion companies Hewlett Packard Inc. and Hewlett Packard Enterprise. Extensively involved in ensuring minimal disruption to the Print and Graphics business in the execution of the transformation over 391 days.
- Defined standards and procedures for data modelling, database design, reference data management and ETL requirements and design.
- Contributed to Proof of Concept projects that demonstrated to customers how predictive analytics can be integrated into their environment and solve their business problems.
- Scoped and delivered global projects and guided customers through successful pilots and production deployments. An example is a redesign of real time manufacturing data store to the AWS cloud.
- Involved in gathering business requirements and designing data models for HP Sure Supply asset. This is an online e-commerce platform that connects users with HP direct stores or partner resellers in each country to provide timely, efficient and convenient ordering of Original HP supplies.
- Led architecture reviews/assessments to validate the architecture/design, identify violations of best practices and troubleshoot performance and scalability related issues.

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Hewlett Packard Inc.

Technical Team Lead/Project Manager

2008 – 2011

- Led the re-architecting of a key manufacturing data asset for the WW InkJet Supplies Business. This involved location, server/storage and application consolidation. One of the major deliverables was a single supported site to site Oracle RAC data warehouse (50TB) for 1,400+ users.
- As IT Print Technical Lead on HP data centre consolidation programme was involved in the redesign of the application/infrastructure footprint in 34 Remote Compute Space locations in 6 countries at HP sites or at manufacturing partner sites. The 2-year programme delivered a 44% infrastructure footprint reduction and \$100M savings.
- Technical Lead on successfully in-sourcing of the operations of 7 In-House production lines to Contract Manufacturer partner. This was a very complex Non-Disclosure Agreement project with an aggressive timeline.
- Led architecture & technical sessions to increase the knowledge on Big Data, Data Analytics, Virtualization and Cloud Computing.
- Forward and reverse engineered data models, compared and merged changes between logical and physical data models, capacity planning and volumetrics to manage and estimate the growth of data.
- Contributed to security of manufacturing applications by working with network and security groups.

Hewlett Packard Inc.

WW Infrastructure Technical Lead

2004 - 2007

- Educated and championed the use of ITIL-based policies and procedures that addressed incident, problem and change management.
- Worked with Global IT, outsourced support and application teams to drive and ensure a stable IT environment with refreshes, upgrades, test environments for business applications.
- Mentored and managed off-shore technical teams and delivered several projects on time, on budget, with highest quality and high level of customer satisfaction.
- Planned and executed replacement of legacy physical servers by virtualisation and clustering to reduce Data Centre footprint, save power & cooling and simplify server management.

Hewlett Packard Inc.

Technical Analyst

1999 - 2003

- Implementation of databases, applications, backup solutions and associated infrastructure for onsite production lines and at Contract Manufacturing sites. The provision of training and documentation to support the lines.
- Ensured that reliable infrastructure and database systems are in place and provided 24*7 support to production partners.
- Contributed to the Y2K project with involvement in database, software and hardware upgrades and audits that resulted in full and timely compliance with no interruption of service.

Earlier Career

Informix Software (Irl) Limited, Team Leader/Software Engineer

Ulster Bank Limited, Systems analyst/programmer in Information Systems Services

Education / Professional Development

BSc. (Hons) Applied Computing, Second Class, Upper Division (2:1)

Diploma in Industrial Studies (Placement year), University of Ulster

IMI Certificate in Supervisory Management, Pass (with distinction)

Certified TOGAF Practitioner/Architect

Certified ITIL v3 Foundations