

Andrew Crowley

R&D Methods Engineer

(Scrum master, Product Owner)

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Skills

R&D Process driven, ASPICE Auditor, management of geographically dispersed and multi-cultural teams, Certified Scrum Master, Certified Scrum Product Owner

Experience

- Since 2015 **R&D Methods and Process Engineer – Valeo Vision Systems Ireland**
Define and Enhance Product Development processes in line with Valeo methodology and Industry recognised standards (Automotive SPICE, Functional Safety -ISO26262,TS16949) for deployment in Automated Parking (AP) Product segment.
Deploy procedures/templates and training programs to develop competences of AP Product Segment R&D groups in system processes and aligned with Smart
Enforce the adherence to processes by deploying appropriate review gates and provide reports on status and compliance
Evaluate and support the necessary tools or tool adaptations that are needed to support the development processes i.e. Requirement and Configuration Management, Problem tracking, System/SW Modelling tools
Plan and enforce a reuse strategy for AP Product segment that ensures the product asset base is architected to be reused and is developed for use in more than a single system
Maintain a core asset configuration strategy (requirements, architecture, models, software components, test plans/cases...) in conjunction with relevant stakeholders
Liaise across the AP organisation and wider Valeo organisation –including R&D & Quality, to ensure alignment on methods and development procedures
- 2006 - 2015 **R&D Manager Integration – Xura (Formally Comverse France) - Lannion, France**
Managing the Comverse France Integration and Validation Team.
Handling all traditional managerial functions including, but not limited to, Time and Attendance, Annual Compensation Review, Year-End performance evaluations, work load scheduling, performance management, setting and tracking team objectives and organising training programs.
Ensuring the correct application of the integration and validation processes
Tracking the alignment of feature tests with technical specifications
Supervising the preparation of Test Plan Overviews, Defect Tracking & Reporting.
Participating in Project Follow Up meetings with development and deployment teams
Planning and Supervising Test Campaigns on latest releases and maintenance releases.
KPI reporting. On- site initiator of Agile Methodologies.
- Scrum Master - Certified**
Daily management of the scrum meetings (multi-site).
- Product Owner – Certified**
- Overseas teams management**
Managing a team of five engineers in Kuala Lumpur, Malaysia.
Training, weekly conference, Project advancement via daily scrum.
- Documentation management**
Single point of contact for our documentation team based in Tel Aviv, Israel.
Ensuring the correct application of the corporate style guide. Developing and maintaining new procedures for documentation. Validating the source information and preparing for final integration.
- Quality Representative**
Senior member of the Comverse France Internal Auditing Team.
Monitoring the on-site application of R&D procedures (ISO 9001).
Active participation in improving existing procedures and alignment with CMMI
- 2005 - 2006 **R&D Protocol Specialist - Orange Labs– Lannion, France**
Protocol Validation at France Telecom R&D. (Lannion FT/R&D/CORE/MVV).
Development and execution of functional test campaigns to validate the SS7 protocol behaviour in the new FT VoIP core.
Tools: OTPTS (Evasion), Quality Centre (Test Director).
Protocols/ Signalling: ISUPv1, ISUPv2, ISUPv3, ISUPv2 variants, SSURI, SSURN.
Systems: Italtel iMSS Call Server (VoIP, SIP, H323).

- 2004 - 2005 **R&D Documentation - EKinOPS – Lannion, France**
Design and creation of a complete client documentation set for the Ekinops product line
- 2003 **Project Manager - Alcatel – Cork, Ireland**
Responsible for the nationwide deployment of the 2003 OCB283 release.
Interface with the Client, resolve project affecting problems.
Continue to develop technical relations with French project teams.
Manage quality issues (Performance indicators, quality alerts)
Track maintenance issues regarding current project.
- 2001 - 2003 **Technical Coordinator - Alcatel - Lannion, France**
Develop the new role of Technical coordinator between Irish and French teams.
Coordinate the project teams in Ireland and France. Resolve any issues regarding cultural differences.
Facilitate mutual understanding and Resolve any client issues, Source useful contacts.
Responsible for the deployment of the projects :
Carrier pre -selection solution for the Irish Network and CCBS
- 1999 - 2001 **Integration Engineer - Alcatel - Cork, Ireland**
Development and execution of functional test campaigns for the Alcatel switch OCB283 and its peripherals for the Irish Network.
Development of test plans for OCB283 (Ireland and international).
Development and validation of New procedures.
Training Network operators and Alcatel Teams in new features and procedures.
Liaison with client before new function deployment (preparation phase).
Provide back-up for Technical Support team, reproduction of network problems to allow analysis. Maintain Test platform to ensure Network reference.
Write and translate technical documents.
Responsible for the deployment of the following projects :
- DAM- Digital Announcement Machine,
- Gatekeeper- APC Solution for a new operator
- Protocol Converter- Network Edge Solution- ISUPV2 (Ireland)< >ISUP BT (United Kingdom)
- 1996 - 1999 **System Engineer - Alcatel - Cork, Ireland**
As part of the Technical Support team in charge of software and release upgrades and rollouts (New releases, Patches etc.) and their validation. Working with the Client during on-site validation. Client training. Procedure development and testing for the operations department and the client. Technical writing; Client Technical Notes, Specifications etc.
Client Technical Support (24/7).
Managed the Y2K « ready project ».
- 1983 - 1996 **Deployment Engineer - Alcatel - Ireland**
In charge of Commissioning Teams involved in the Installation, Configuration and Testing of public Telephone switches, large scale and rural small scale, as part of the Irish Digital Network Program.
OCB 181, OCB 283, CSE, CSN, CNE.
Responsible for Network upgrade and rollouts notably the R11 release which allowed the introduction on a network wide level of ISDN services thanks to SS7 and DSS1 signalling.

Education/Training

- Professional Automotive Spice Certified Auditor
CMMI Auditor
Quality ISO 9001 (France and Ireland)
Scrum Master Certification (Jeff Sutherland)
Scrum Product Owner Certification
Team Management (France and Ireland)
Project Management (France and Ireland)
Agile Methodologies
VoIP, IMS, Protocols and Signalling; SIP, ISUPv1, ISUPv2, ISUPv3, TUP
Test Analysis
Network Security
Telephony, Transmission technologies
Risk, Stress and Time management
- Personnel Web Design (Cork Institute of Technology)
TEFL Teaching English as a foreign language
Programming in the C Language (Cork Institute of Technology)
- Initial Electronic Engineering. Cork Institute of Technology – 1983