JASON MC CLAFFERTY

Junior Telecoms Consultant Engineer - Test Analyst

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WORK EXPERIENCE

Telecoms Engineer in Test (Radio Access Network)
CapGemini/Altran & Vodafone

📅 Aug 2019 – Mar 2021   📍 Newbury, UK

- Worked as one of four Radio Access Network team members supporting Vodafone UK's national telecommunications network upgrade roll out.
- Executed, analysed and documented regression and functional test sets.
- Analysed Radio Link Control, Radio Resource Control, Packet Data Convergence Protocol, Medium Access Control messages with TEMS and XCAL Air Interface logging tools.
- Captured, validated and analysed IP Multimedia Subsystem (SIP) messages using Wireshark as part of an SBC upgrade in cooperation with DigiTalk & Vesta Payment vendor teams.
- Coordinated network node configuration changes to support testing projects with offshore support teams.
- Mentored and supported junior colleagues.
- Learned from, worked with and took over responsibilities from multiple teams during the Covid Pandemic.

| Wireshark | SIP Protocol | RAN Protocol Stack | Teamwork |

| Mentoring & Leadership | Test Execution & Documentation |

PROJECTS

DevOps
Continuous Integration Pipeline Basics   🎓 Grade 1.1

📅 Sept '18

- Built a Continuous Integration pipeline in an AGILE team.

| Ubuntu Linux | Java | Maven | Git & GitHub | Jenkins |

| Docker | Jira | Burndown & Velocity Charts |

Research in Computing with Emerging Technologies
IoT Interface using Gesture Recognition

📅 Sept '18

- Researched OpenCV (Python), Websockets, NodeRed, Node.js.
- Developed a hand-gesture based user interface for controlling a Phillips Hue light using Microsoft Kinect SDK, Unity Game Engine (C#) and the Phillips Hue REST API.

| C# | RESTful API | WebSockets | Python | Linux |

Design for the Mobile Context
Emotionally Engaging Game Concept Design Studio

📅 Oct '18

- Conceptualized and delivered a design for an emotionally engaging game.

| LEAN UX | Prototyping | Teamwork | A/B testing |

EDUCATION

B.Sc. (Hons.) Computing with Games Development
Letterkenny Institute of Technology

📅 May 2019   📍 Donegal, Ireland

SKILLS

Test Execution & Analysis
- Test Documentation, Wireshark, HP Quality Centre Application Life-Cycle Management.
- Change Ticketing Systems, Microsoft Office.

Software Development
- SOLID principles.
- OOP & Functional Programming.
- C#, Java, JavaScript, Linux, Git, Github.

Some Experience with:
DevOps, Mongo DB, Express.js, React.js, Node.js, Game & UX Design, JIRA, Python, Ansible, Go, Scala.

TECH INTERESTS

- **Data & Machine Learning:**
  Considering coding a Sentiment Analysis based trading algorithm.
- **DevOps & System Engineering:**
  CI/CD/CD, Microservices, 'As A Service' Architecture, Automation, Kanban & The Four Types of Work.
- **Currently Reading:**
  Skiena's Algorithm Design Manual.
- **Favourite Books etc.:**
  The Phoenix Project, DevOps for Dummies, Robert C. Martin's Lecture Series, Rob Fielding's REST PhD Paper.

COMMUNITY WORK

- **Mevagh CoderDojo**
  Volunteered to assist in the local CoderDojo.
- **Centre for Talented Youth Ireland**
  Coordinated a Scratch programming class with twenty 8 - 13 year old students.

| Social Skills | Motivation | Courtesy |

OTHER INTERESTS

| Music | GAA | Fitness | Investing |

| Football | Reading | Gaming |