

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 Control Protocol, Medium Access Control messages with TEMS and XCAL Air Interface logging tools.
- Captured, validated and analysed Internet Messaging System (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