Jack Doherty

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www.jackdoherty.tech

LinkedIn

GitHub

Experience

Software Engineer

Ericsson   **Nov 2021 - Present**

Responsibilities

- Developed **PRA Fast Feedback** pipeline (Jenkins, Ansible, Python)
  - Automating testing of PRA CCD releases
  - Reducing testing and verification time from 3 days to 5 hours resulting in my being awarded a Mela Challenger award.
- Developed **ChecklistPreUpgrade** pipeline (Jenkins, Ansible, Python)
  - Automating pre CCD upgrade checks
  - Reducing upgrade lifecycle downtime from 2 days to 1.5 hours resulting in me being nominated by my team for and awarded an R&R award.
- Developed **Orderable Item metrics** tool (Python, React)
  - Allowing easy querying, creation and tabled display of Orderable Item metrics.
  - Metrics then used in orderable item review meetings resulting in reviews being more efficient going from 1 per week ~2 hours to 1 per sprint ~30 minutes
- **Automated Jira support ticket** creation from Prometheus alerts (Ansible, Jenkins, Python)
  - Reducing downtime of cluster instances for customers as issues are resolved when they arise rather than when they are noticed by users.
- Developed internal platform to **automate assessment of Cloud Native Maturity** (Spring, React)
  - Reducing time to asses CNM of all departments from ~2 weeks to 1 day.
- Managed and maintained ~190 Kubernetes instances on OpenStack Clouds

Software Engineer

Vision Blue Solutions, Dublin   **May 2020 - Sept 2020**

Responsibilities

- Developed relational **document management system** (ASP.net, React)
  - Facilitating UI creation, search, update, archiving, grouping of customer records enabling non-technical staff to interact with customer documents
- Designed and implemented UI for **display of complexly related documents**
  - Allowing for clear display of relationships between documents
- Implemented **versioning of documents** with Users associated with edits
  - Allowing for logging of changes
  - Enabling version rollback

Python Tutor

Dublin City University, Dublin   **Sept 2018 - May 2019**

Responsibilities

- **Pair programed** with students to assist with solutions during python / programming labs
- Supervised python lab exams

Education

Dublin City University - (B.S.) Computer Applications and Software Engineering

Sept 2017 - May 2021   Dublin, Ireland

Johannes Kepler University - Erasmus - Concentration in data structures and algorithms

Sept 2019 - Feb 2020

                                                                                    Linz, Austria

Skills

- Typescript
- Trpc
- NextJS
- React
- HTML5 / CSS3
- Express
- Python

- Jenkins
- Jest
- Cypress
- K8s
- Docker
- Postgres
- Flask

- Agile
- CI/CD
- Git
- Automated testing
- Code Review
- Design Patterns