



Trinity College Dublin

Coláiste na Tríonóide, Baile Átha Cliath

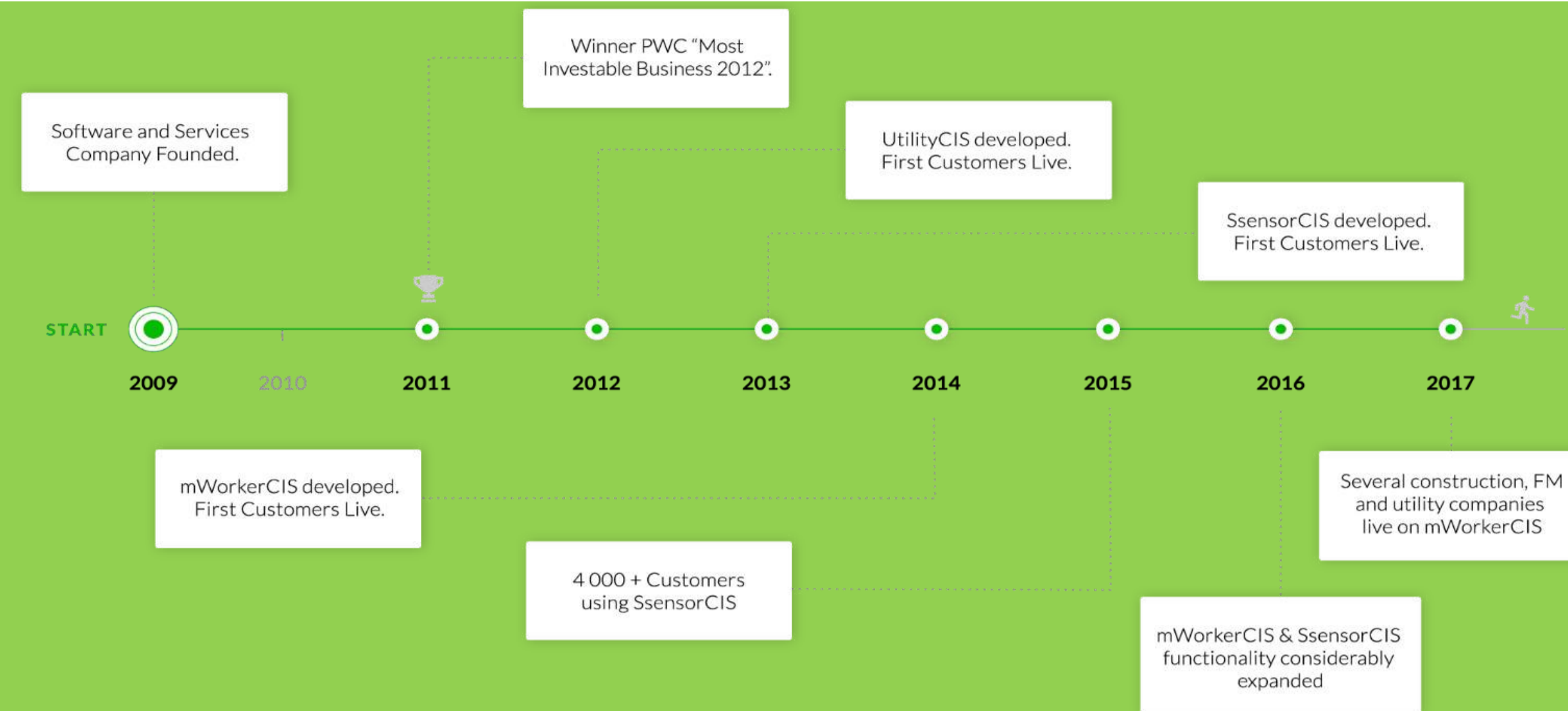
The University of Dublin

Ultan Technologies

Internship poster - Testing it out!

Student: Ayush Singhania Academic Supervisor: Glenn Strong Host Supervisor: Meena Baskarasubramanian

About Ultan Technologies



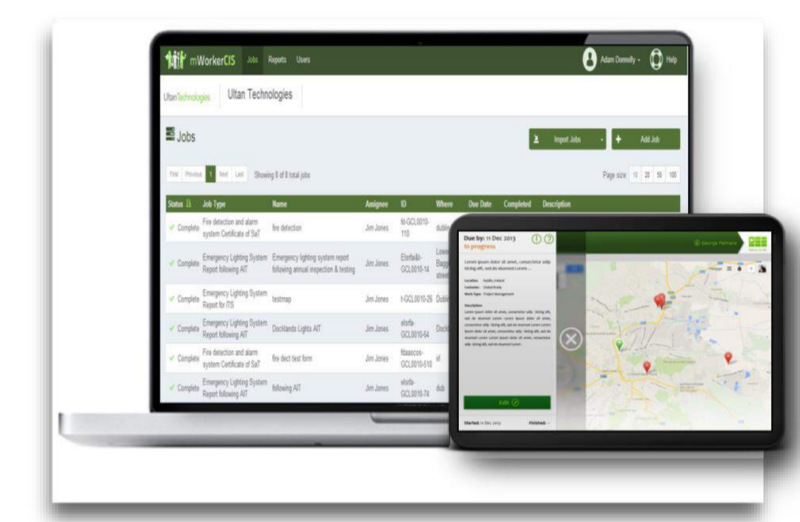
- A Software & Service company founded in 2009
- Winner PWC 'Most Investible Business 2012'
- mWorkerCIS – Industry leading (offline/online) cloud based workforce management system.
- SensorCIS – Market leader meter, device and sensor management in all in one interface.
- 2000+ users
- Used by client to manage 19000 homes in UK

Main Responsibility?

mWorkerCIS



- Design custom dashboard for clients.
- Liaison with clients & external vendors.
- Perform Regression Testing for new updates.
- Provide guided support via phone/mail.



SensorCIS



- Develop an automated testing framework to automatically download, test, compare and analyse the result for multiple operational reports.
- Perform manual ad-hoc testing on the SEAI site to check the performance of the new updates.



- Provide website support.
- Manage and edit content.
- Documentation.
- Assist with SEO Reports.

What Did I Achieve?

- ✓ Successfully create a new automation testing framework.
- ✓ Completion of project before the target deadline.
- ✓ Create one click executable file.

- ✓ Provide Multi-browser support.
- ✓ System independent execution.
- ✓ Multiple-level assertion for lower failure rate.
- ✓ User Configurable project.

Learning Outcome?

TECHNICAL



- Learn & implement complete new coding language
- Follow agile mythology of software development
- Learn & implement Version Control System (Bitbucket/Git)

PERSONAL



- Time management.
- Communication with fellow colleagues
- Team work
- Client communication & support.



Steps to remember!

1 Design

2 Implement

3 Maintain

Don't trust? Ask them!



School of Computer Science & Statistics (SCSS)
Faculty of Engineering, Mathematics and Science

Computer Science Internship
(Ultan Technologies)