

Software Development

L A D D E R S



Name of Speaker: Dani Walsh

Company: BorgWarner PowerDrive Systems (formerly 'Sevcon')

Website: <https://www.borgwarner.com/home>



Background: Originally from Manchester, I found my way into the North East of England by studying Bsc (Hons) Ethical Hacking for Computer Security at Northumbria University, this was one of the few universities at the time doing this subject. From here I landed a sponsorship and then my current role at BorgWarner PowerDrive Systems as a Software Engineer where I'm responsible for the design, implementation and testing of firmware that goes into electric and hybrid vehicles. On a day-to-day basis I write the software components that help the components in a vehicle to communicate with each other in a programming language called 'C'.

The Business/Company: BorgWarner Inc is a multi-national company providing the components and solutions for combustion, electric and hybrid vehicles across the world. The vision of BorgWarner is to make for a cleaner, more energy-efficient world. BorgWarner has locations for research and development for science and technology in the US, Italy, Japan, Germany, Brazil and right here in the UK. From July 2017, the company I had joined after University 'Sevcon' agreed to be acquired by BorgWarner but our responsibilities through the integration have aligned with the goals of BorgWarner.

Presentation: Dani's presentation will be based on:

- *My background, how I ended up in Software Engineering*
- *Skills and diversity in Software Development/Computer Science*
- *Transferability of skills in Software*
- *Advice and guidance*
- *Tips for software interviews etc.*

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