

Pektron celebrates International Women in Engineering Day



Meet some of our Engineers at Pektron
Celebrating International Women in Engineering Day – 23 June 2021



As part of this year's International Women in Engineering Day, we've taken the opportunity to look at the various routes that our female engineers have taken to arrive where they are today, developing electronics for global brands, primarily in the Automotive and E-Vehicle sectors, across the UK and America.



Anna Skrobisz, Graduate Software Engineer

Background: Just to prove you can achieve anything you put your mind to... Anna graduated in Poland with a degree in Oceanography! She is driven by a need for understanding of how things work and her career has included working as a CNC Operator at Toyota.

At Pektron: Anna initially started her career on the production lines – controlling and assembling electrical modules for Off-Highway and Safety customers. With an inquisitive mind and a desire to move on in the company Anna found an opportunity in the labs and made it known she was keen to learn more. Pektron sponsored her through university and with support from her colleagues at work – shout out to Senior Design Engineer, Rachel Heesom for the after-hours maths tuition! Anna obtained a 1st class honours in Electrical Engineering from Sheffield Hallam University. Working on software projects for a range of customers in the automotive sector, Anna is currently undertaking functional tests for Access Control Modules.

Biggest technical challenge: Building up a Validation Testing Rig for a Domain Controller – the biggest challenge during the building process was to gain a deep understanding of the behaviour of the unit being tested in order to develop a fully functional validation rig.

Proudest achievement: The progress I have made at Pektron and my drive to understand more – I am the sad person watching techy YouTube videos at the weekend!



Keerthi Thallam Junior Electronic Design Engineer

Background: Having graduated with a 1st class honours with Distinction in Electronics Engineering, and a Master of Technology from R.V. College of Engineering in Bangalore, Keerthi is highly qualified and the winner of many competitions at university around technology associated with smart homes and home automation.

At Pektron: Keerthi is one of Pektron’s most recent recruits having joined the company in January this year. She is currently delivering a full electronic design for front lamps on a brand new e-vehicle being developed in the US, collaborating with Bee Lighting who are part of the Pektron Group, and colleagues in the Electronics Design team.

Biggest technical challenge/proudest achievement: Interestingly Keerthi explained that for her this has all been around her own mindset and her attitude towards the work she is presented with. While Keerthi has learnt lots of technical skills studying online in her own time, her most valuable learning so far has been to “play with it until it fails”. Having asked her tutor what was the best way to approach electronics, the advice was to not just try and get the answer right, but to enjoy the development process and don’t worry if it fails! So she now embraces pushing her electronics design and development work right to the edge and understanding what the limits are when things fail, rather than seeing it as a failure in itself. Great attitude!



Anjali Bothi, Software Engineer

Background: Anjali got into software engineering having watched a close relative designing and creating new technology through software development. Following her Bachelor of Engineering, in Electronics & Communications Engineering at the RRase College of Engineering in Chennai, India, Anjali started her career at Visteon. After 5 years at Visteon she studied for her Masters, and was awarded an MSc in Electronics Engineering from the University of Bedfordshire.

At Pektron: Anjali’s experience is being put to good use in the work we do developing and designing the instrument clusters for customers in the Automotive sector. Anjali enjoys working with everyone through the design and development process, taking time to put herself in the customers shoes and making sure all the solutions she comes up with really do meet their needs and follow the very latest standards and protocols in software development.

Biggest technical challenge/proudest achievement: having a gauge stuck on a tachometer and being the only person around when the problem came up! This was critical for the customer and took 3 months to replicate the issue and then identify the route cause and keep everyone happy through the process....!



Ann Gray, Principal Software Design Engineer

Background: Our most senior Principal Software Design Engineer, Ann Gray, is celebrating 40 years in Engineering this year having graduated from the University of Nottingham with a Maths degree. Ann was recruited by Plessey, that became Siemens, in the very early days of software development – working on innovative research and development projects such as ISDN phones for the consumer market.

At Pektron: Ann is the font of all knowledge for the software development for various high-performance sports car brands— designing and testing software for body controllers, key fobs & security systems for automotive architectures. Having been with Pektron for over 10 years Ann says that the ability to work directly with the customer, be close to the hardware and work with the other departments within Pektron, makes her role easier and more satisfying, culminating in having personal responsibility for the final delivery of software to the customer.

Biggest technical challenge: identifying a compiler bug that was causing a particular crash. It took months to track down and yet more time to convince people the compiler was at fault!

Proudest achievement: getting to Job1 on my first body controller development.

Delivering world class electronics design and manufacturing excellence

Pektron is a UK based electronics engineering company with 57 years experience designing, developing and manufacturing bespoke electronic solutions for blue chip customers around the world. Working across a variety of market sectors including automotive, construction and agriculture, Pektron is proactive in its approach, using extensive experience and technical expertise to advise and support customers in the development of innovative but cost-effective electronics solutions. Continual investment in design, development, validation and manufacturing ensure excellence is provided as standard, at low cost, and enables flexibility and control over the entire process.

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