ALINA MELNYK



Job: Senior Frontend Developer

Company: Dematic

As a Senior Front-end Developer in R&D for a global leader in warehouse automation, I build core reusable components for clients like Tesco and Adidas. Beyond my role, I advocate for technical simplicity and clean architecture, shaping our engineering culture through mentoring and defining high standards for scalable, innovative solutions.

Passionate	Honest	Courageous

The skills I use most in my job... Front-end Architecture - Designing modular, reusable component libraries that serve as the technical foundation for large-scale automation systems used by global clients.

- Technical Leadership - Shaping engineering culture by defining high coding standards and mentoring developers to ensure technical excellence across the team.
- R&D & Innovation - Bridging the gap between cutting-edge research and practical implementation to solve complex logistical challenges for industry leaders.
- Technical Advocacy - Championing clean, maintainable architecture and elegant solutions to reduce

technical debt and improve long-term system reliability.

• Stakeholder Collaboration - Translating complex business requirements into robust technical strategies, ensuring our R&D efforts align with our global clients' needs.

The most interesting thing I've worked on in my career so far...I once developed a diabetes screening platform for Merck Africa. It was a huge challenge because I had to make it work on old phones and browsers like Opera Mini with a very slow signal. But the biggest reward was knowing that it makes a difference to people's lives.

What inspired me into digital and tech...I've always loved the logic of mathematics and solving complex problems. Early in my career, I was often the only woman in the room. This inspired me to found 'Girls in IT' and mentor with Geek Girls Carrots, helping to shape a more inclusive field for everyone.

My educational background is...I hold three Master's degrees: Computer Science and a postgraduate degree in Economics of Enterprise from Zhytomyr Polytechnic State University in Ukraine, and Computer Engineering from Wroclaw University of Science and Technology in Poland.

What advice I'd give to girls thinking about a career in digital and tech... Be brave and believe in yourself. Often, women are far more talented than they realise. Tech is a field where your unique logic and creativity can truly shine. Don't be afraid to be the first in the room, your voice and skills are exactly what the future needs!