



Karenza Venables - Product Design Engineer

I am a designer, engineer and creative with a passion for designing sustainable products and solutions that inspire users, whilst meeting a problem's needs. I am highly motivated, organised and methodical, I do my best work when challenged with a problem to solve and love seeing a project progress into a final solution.

Experience

Omlet Ltd.

Product Design Engineer creating innovative pet products and developing upon existing products.

My role primarily involves rapidly prototyping concepts and introducing product updates through CAD and engineering drawings. I also carry out market research, supplier liaison, product costings, supply chain handling and project management.

Key Achievement: Introduced sustainable design techniques into the company's engineering processes and considered sustainability within other business areas.

July 2022 - Present

Product Design Intern focussed on generating product concepts, prototypes and engineering drawings.

July 2020 - 2021

Tesco PLC

Part-time work in a fast paced retail environment, where I was required to work thoroughly and efficiently.

May 2016 - June 2020

BUFF Industrial Design

Work experience with a local consultancy, undertaking a range of tasks including machinery design, CAD illustrations and rapid prototyping.

July 2014

Education

Loughborough University

BA (Hons) Industrial Design & Technology

First Class Honours

Diploma in Professional Studies

Areas of study: DfM (spec. Injection moulding), Sustainable design techniques, UX/UI, Engineering drawing standards, CAD/CAM, CNC machinery, Market research, Data visualisation, User centred design, 2D & 3D rendering

Sept 2018 - July 2022

Camborne Science & International Academy

A-Levels: 3A*, 1A, 1B

GCSEs: 5A*, 5A, 2B (Incl. Maths & English)

Software Proficiency

Productivity

MS Office

G Suite

Design

Adobe (Photoshop, Illustrator, InDesign, XD, Premiere Pro)

Figma

Canva

Procreate

CAD & Digital Prototyping

SolidWorks (Certified Professional)

Visualise

KeyShot

Alias Speedform

Prusa & Ultimaker

Arduino

Digital Marketing

WordPress

Search Engine Optimisation (SEO)

HTML, CSS & JavaScript

Skills & Achievements

Soft Skills

Effective communication, Time management, Good organisation, Critical thinking, Problem solving & Project management

Workshop Skills

Hand tooling, Rapid foam modelling, Mixed media prototyping, Woodwork & Metalwork

Achievements

Certified SolidWorks Professional

RSA Design Awards 2022 Shortlisted

Starpack 2019 Shortlisted