

Lewis Harris

Software Engineer
London, UK

lewisdanielharris@gmail.com
07480166668
github.com/lewisharris
uk.linkedin.com/in/lewis-harris

Experience

Sportas - Software Engineer

March 2023 - Present

Sportas.co.uk

Typescript, NextJS, React, GraphQL, Tailwind

- Responsible for developing the front end of multiple admin and client facing pages using NextJS and React according to figma designs to improve client UI and UX.
- Took ownership of development of page redesigns and submitted code for review to senior engineer.
- Created admin dashboard components to display client transactions and calculate payouts required to organisers using GraphQL, Next and React..
- Refactored existing code to improve readability by separating larger pages into modular reusable components.
- Converted existing library based components to Tailwind based components to aid in migration away from using UI Libraries.

Polestar - Design Engineer

2020 - Present

polestar.com

- Responsible for the 3D design, engineering and delivery of automotive aluminium body structures using CATIA 3D CAD software.
- Deliver structural component designs on time ensuring program gateways are met and taking designs from initial idea through to release.
- Complete ownership of design and development of multiple areas of vehicle structure.
- Collaborate with other function groups to find engineering solutions to complex cross functional problems.

Envisage Technologies / Lucid Motors - Design Engineer

2018-2020

lucidmotors.com

3D Design and CAD development of complex structural components for Lucid Motors, an Electric Vehicle start up company based in Silicon Valley.

International travel representing the company in the USA and presenting design reviews to clients as well as being the point of contact for colleagues in the UK.

Working in a small team in the USA to meet customer deadlines taking responsibility for designing and engineering entire components from concept to release.

6 + Years Engineering and design within the automotive industry.

Software Projects

Eatwell

React, Redux, Express, NodeJS, MongoDB

github.com/lewisharris/Eatwell

Full stack user account based calorie tracking application that offers custom food entries alongside external API based food searches with custom portions and calorie targets.

- Created design using Adobe XD and developed front end using React with user log-in system, built in dark mode customisation using styled-component custom themes.
- Custom middleware to allow user account verification using JWT and Bcrypt with fully authenticated handling of requests to server.
- Design and integration of server, routing and NoSQL data structure schemas.

Pushfit

React, Styled Components

lewisharris.github.io/pushFIT

Fitness app that helps you create custom timed workouts. Enter exercises, duration and rest periods and build a workout with audio and visual cues.

- Built using React, React Router, Styled-Components
- Single page application and website

Education

Bsc Computer Aided Automotive Design

Birmingham City University 2008-2012

Multimedia with Games design

Stratford-upon-Avon College 2006-2008

Skills

Typescript, NextJS, React, React-Native, Redux, Redux Toolkit NodeJS, Express, Javascript, Tailwind, Styled Components, MongoDB, Sass, CSS3, GIT