Andrew Rohling

Software Developer | UI/UX, TypeScript, React, HTML, CSS, Node.js

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SKILLS

JavaScript	TypeScript
React	NextJs
CSS	HTML
Pair-Programming	Agile Workflow
Cypress	Testing

EDUCATION

Oxford Brookes Universtiy (Sep 2017 - May 2021)
Bsc Motorsport Technology

Modules include:
- Management, Ethics & Sustainability
- Thermo & Fluid Dynamics
- Vehicle Dynamics
- Motorsport Vehicle Performance

Final dissertation titled "Modelling and Performance Comparison of Combustion and Electric Battery Powered Vehicles."

Hi! I'm Andrew, I have studied as a motorsport engineer, worked as an aquarist and a medical research lab technician before starting my journey into code. Changing industries since university has allowed me to explore many interests and ensured that I have further developed my talent for picking up new tools and learning quickly.

Thank you for reviewing my CV and taking the time to consider welcoming me into your team.

WORK EXPERIENCE

School of Code (Sep 2022 - Feb 2023)
Full-Stack Development Bootcamper

A 16-week Full-Stack Development journey, from learning basic HTML to deploying full-stack React applications. This was a brilliant experience where I really discovered my love for design and coding. Watching my skills develop and seeing apps and programs that I am working on come together was a super rewarding experience and has left me wanting more.

- Weekly rotating pair-programming.
- "Hack-a-thons" every Friday where we were given a problem and had a day to develop a solution.
- Experimented with a wide range of development tools & libraries, with a focus on flexibility and the learned ability to quickly pick-up and use new frameworks.
- Culminated in a month long team project to build an app to solve a problem of our choice.
  - Learned, utilised and deployed Next.Js, TailwindCSS, Supabase and TypeScript for this project.
  - Pitched and demonstrated the finished product to industry professionals.
  - Worked in a professional environment, including morning & lunchtime stand-ups, scrums, evening retrospectives and project update presentations.
  - Git version control with a CI/CD pipeline, utilising development branches and reviewed pull requests.

Oxford Brookes Racing (Sep 2017 - Jun 2020)
Leadership

Oxford Brookes Universities' Formula Student team, an inter-uni event that races cars designed and built by the ground up by students.

- Promoted to Leadership for the development of our first electric car.
- Responsible team management for:
  - Creating the Engineering Design Report, detailing the build of the car. Won 9/10 points, helping the team hit 2nd Overall at FSUK2019.
  - The Cost & Manufacturing Report, including a full Bill of Materials.
  - The Business Plan Presentation, creating a business around our vehicle and pitching to a mock board of investors. Achieved 1st Place in Business Plan in all competitions that year.
- Wrote IMechE award winning team management reports
- Organised university events with industry professionals, including the Brookes technology show and Autosport International.

PROJECTS

IndyGo
A mobile app

IndyGo is a mobile application that allows local independent businesses to fight back against economic pressures by offering live deals to consumers within a walkable distance. Consumers can use IndyGo to get active and shop local with a map of independent businesses in their area, and scroll through a carousel of that live deals.

Tech Stack:

- TypeScript
- React
- Next.js
- TailwindCSS
- Supabase
- PostgreSQL
- Supabase Auth
- Leaflet.js
- Capacitor

🔗 **https://indygo.netlify.app/**

PREVIOUS WORK EXPERIENCE

Major Motorsport/Vauxhall Junior Rally Team   (Jan 2016 - Sep 2017)
Apprentice Mechanic

Alongside my studies at college. This 5 person team specialised in customer car renovation, vehicle dynamics setup and car build. Invaluable experience in working as a small team, agile working and being flexible with job roles.

John Lewis & Partners   (Oct 2017 - May 2021)
Selling & Service Partner

A part-time job at John Lewis & Partners whilst at University. A role in which I was the point of contact for electronics customers in the store. During this time, my responsibilities have increased to include being a fire warden, technical support, service lead and both floor and store closing manager.

The GoldFish Bowl   (Aug 2021 - Mar 2022)
Aquarist

Aquarist at The Goldfish Bowl aquarium retail store. Responsible from the start for the welfare of the Coldwater section, before moving on to head the Marine Life section. A small team of 7 employees, I quickly integrated with the team and helped re-design the front of the store.

University of Oxford   (Apr 2022 - Sep 2022)
Laboratory Technician

Assisted medical researchers where needed at the Kennedy Centre for Rheumatology. One of a team of three responsible for the Germ-Free Department.