



Contact

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Github

<https://github.com/ianvexler>

LinkedIn

www.linkedin.com/in/ian-vexler

Portfolio

<https://ianvexler.com/>

Technical Skills

Programming

Java, Ruby, Python, C#,
TypeScript

Frameworks

React, React Native, Ruby on
Rails, ASP.NET, Expo

Tools

MySQL, PostgreSQL, MongoDB,
Pandas, TensorFlow, Jira

Platforms

MacOS, Windows, Linux
(Debian Ubuntu)

Languages

Spanish

English

Ian Vexler

Software Engineer

Graduate Software Engineer with experience delivering production web and mobile systems across multiple sectors. Strong foundation in full-stack development, with academic focus on data-driven systems and machine learning.

Experience

2025 – now

The Curve Consulting

Software Engineer

Returned to the company in a permanent role after a successful internship. Currently delivering software solutions across healthcare, education, and industrial technology sectors, collaborating closely with teams and clients.

2023 – 2024

The Curve Consulting

Junior Software Engineer

Completed a year in industry, supporting multi-sector client projects and gaining hands-on experience in agile delivery and software development. Worked across six projects, engaging closely with clients and contributing to bespoke software solutions.

Key responsibilities

- Delivered full-stack web and mobile features across multiple client projects using React, Rails, and ASP.NET
- Worked directly with clients to capture requirements and translate them into technical solutions
- Contributed to Agile delivery across multiple concurrent projects

Education

2021 - 2025

University of Sheffield

BEng Software Engineering w/ Year In Industry

1st Class Honours

Award:

- Software Hut Prize: Recognized for outstanding software development for a real-world client.

Built a strong foundation in software engineering, programming and data-driven machine learning through practical academic projects.

2020

NCUK

International Foundation Year Programme

Chemistry (B), Mathematics (A*), Physics (A)

Completed an engineering foundation programme equivalent to A-Levels, developing core knowledge in engineering and mathematics to prepare for university study.

Ian Vexler

Software Engineer

Projects

Automating Fantasy Football

Machine learning system for predicting Fantasy Premier League performance and squad optimisation

- Built and evaluated time-series ML models using historical player and match data, benchmarking against official and baseline metrics
- Developed multi-stream LSTM models and explored optimisation strategies including genetic algorithms and season-long simulations
- Built a strong foundation in applying machine learning and data-driven approaches to complex optimisation problems under real-world constraints.

Swaya Student Engagement App

Cross-platform mobile application used by thousands of students across multiple colleges

- Delivered core mobile features and supporting backend services for a production React Native application
- Implemented real-time surveys and feedback workflows used by students and staff
- Learned to balance technical implementation with user experience and stakeholder requirements in a live product

Texmo Industries

Internal enterprise system replacing third-party tools for a multinational manufacturing group

- Delivered features within enterprise constraints, including fixed timelines and organisational requirements
- Contributed throughout the full delivery lifecycle, from requirements capture to deployment
- Developed an understanding of delivering enterprise systems under fixed timelines and organisational constraints

Technolog

Mobile application for configuring industrial water and gas monitoring devices in the field

- Built cross-platform mobile features for on-site device setup using Bluetooth packet-based communication
- Interpreted custom protocol documentation to implement robust device interaction logic
- Learned to design software around hardware constraints, offline usage, and technical field users

Additional Activities

Model United Nations

Participated in multiple local conferences and an international event in New York, where I received a Best Delegation award. Assisted in organising MUN conferences, gaining experience in public speaking, negotiation and event coordination.

Live Musician

Performed at local music venues and events as part of an independent band, developing teamwork, creativity and confidence in live performances.