

# DARREN OHONBA

Graduate software engineer who loves building things that solve real problems and thrives in collaborative, fast-moving teams.

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## PROFILE

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Full-stack developer with hands-on experience in TypeScript, React, Node.js, and SQL-backed systems. Northcoders-trained with a BSc in Computer Science. I enjoy working in teams, picking up new stacks quickly, and understanding the real-world impact of the software I contribute to. Comfortable across the full development lifecycle from design through to deployment and testing.

## TECHNICAL SKILLS

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<b>Languages</b>	TypeScript, JavaScript (ES6+), Python, C#, C++, SQL
<b>Frontend</b>	React, React Native, Next.js, HTML5, CSS3, SASS/SCSS, Bootstrap, responsive design
<b>Backend</b>	Node.js, Express.js, RESTful APIs, Spring (familiar), PostgreSQL, MongoDB, MySQL, SQLite
<b>Testing</b>	Jest, unit/integration/mock testing, TDD, Cypress (familiar), Playwright (familiar)
<b>AI Tools</b>	<b>Claude Code, GitHub Copilot and Openrouter</b>
<b>DevOps &amp; Cloud</b>	Git/GitHub, CI/CD, Docker (familiar), AWS (familiar), Azure DevOps (familiar)
<b>Data</b>	Excel, Power BI, Python (pandas), data cleaning and analysis
<b>Methods</b>	Agile (Scrum/Kanban), pair programming, code review, object-oriented design

## PROJECTS

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### Fog-o-War — *Mobile exploration game*

[github.com/Darren80/fog-o-war](https://github.com/Darren80/fog-o-war)

*React Native, Express.js, Google Maps API, Turf.js, Jest*

- Built a full-stack mobile app in a team of four: users explore real-world locations tracked via geospatial calculations (Turf.js) and rendered on React Native Maps.
- Designed and tested RESTful API endpoints with Express.js and Jest; deployed to cloud hosting.
- Collaborated in a team of four using pair programming, daily stand-ups, and code review to deliver a working MVP within a two-week sprint.

### Financial Sentiment Scraper — *chanscraper.xyz*

*Python, SQLite3, data pipeline*

- Built an automated data pipeline that scrapes, stores, and analyses online financial discussion data, surfacing sentiment trends from 100k+ records
- Development accelerated with the help of Claude Code, resulting in a feature rich application.
- Designed the SQLite3 schema and wrote Python scripts for collection, cleaning, and analysis

## Asus Fan Control — Open source desktop utility

[github.com/Darren80/AsusFanControlEnhanced](https://github.com/Darren80/AsusFanControlEnhanced)

*C#, Windows desktop development*

- Developed a fan-curve control application for Asus laptops
- 50+ GitHub stars with active community usage and issue contributions

## EXPERIENCE

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### Junior Analyst & IT Intern

June 2025 – March 2026

*Zenith Assets Consulting, London*

- Automated weekly reporting with Python scripts, reducing manual data entry time and improving accuracy of investment summaries.
- Built a SQL-backed data management workflow that improved client data handling efficiency by 25%, reducing and streamlining duplicate records.
- Contributed to software testing (Jest, unit tests), bug reporting, and technical documentation alongside senior engineers.
- Participated in Agile ceremonies including daily stand-ups and sprint-based task tracking.

## EDUCATION

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### BSc (Hons) Computer Science

2025

*University of Chichester | Predicted 2:1*

### Full-Stack Software Development — Northcoders

Nov 2022 – Mar 2023

Intensive bootcamp covering React, React Native, Node.js/Express, TDD, pair programming, Git, and agile workflows

### PCEP — Certified Entry-Level Python Programmer | Dec 2022

### Level 3 Extended Diploma in IT

2016 – 2018

*Barking & Dagenham College | Equivalent to 3 A-levels*