

Charles W. Turner

Front-End Developer

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Personal Statement

I am a career-changer with a background in the sciences and a passion for solving complex problems. After several years working in data analysis and laboratory environments, I have transitioned into software development to pursue a more creative, hands-on approach to tech. I'm currently building full-stack web applications through the Northcoders bootcamp and independent learning with The Odin Project.

My foundation is in JavaScript and Node.js, and I have past experience with Python and SQL. Whether I'm debugging an application, climbing a bouldering route, or trying to get off the golf course before my 120th shot, I am someone who brings curiosity, perseverance, and a thoughtful approach to every task. Now, I'm seeking an opportunity where I can contribute to real-world software projects while continuing to grow as a developer.

Technical Skills

- **Languages:** JavaScript, HTML, CSS, SQL, Python, TypeScript
 - **Frameworks/Tools:** Node.js, React, PostgreSQL, Git, GitHub, Socket.IO, Jest
 - **Back-end:** SQL, PSQL, Express, Supabase
 - **Front-end:** HTML, CSS, React, Konva
 - **Deployment/Hosting:** Netlify, Render
 - **Other:** Data analysis, Excel, Test-Driven Development (TDD), agile and SCRUM methodologies
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Projects

NC News | React, React Router, Express, PostgreSQL, Node.js, HTML, CSS

- A full stack news app where users can view, vote on, comment on and share articles.
- <https://ct-nc-news.netlify.app/>, <https://github.com/charlieturner/project-nc-news>.

TUSE | React, Konva, Express, Node.js, Socket.IO, HTML, CSS, JavaScript

- A collaborative web-based drawing application that allows multiple users to work on the same canvas concurrently. Supports a range of drawing tools and user-friendly functionalities.
- <https://tusemain.netlify.app/>, <https://github.com/uimran19/Tuse>.

Education & Training

The Odin Project - Self-paced Web Development Curriculum (*September 2023 – Present*)

- Independent study of foundational front-end technologies (HTML, CSS, JavaScript, Git).
- Developed responsive web projects and improved understanding of DOM manipulation and version control.

Junior Software Developer - Northcoders Bootcamp - (*April 2025 – July 2025*)

- Full-time course focused on full-stack JavaScript development.
- Gained hands-on experience building real-world applications using modern technologies.
- Emphasised agile methodologies, test-driven development, version control and collaborative practices such as pair programming and code reviews

BSc (Hons) Biochemistry - University of Leicester (*2016 – 2019*)

International Baccalaureate Diploma - Wellington International School, Dubai (*2009 – 2015*)

Professional Experience

Data Analyst – Minerva Analytics, Witham (Feb 2022 – Mar 2025)

- Responsible for accurately processing large volumes of investment and shareholder data under tight deadlines.

Laboratory Analyst – WASE Ltd., London (Jul 2021 – Jan 2022)

- Streamlined testing protocols by identifying inefficiencies, improving turnaround time by 20%.

Construction Labourer – Southwest Builders, London (Mar 2020 – Nov 2020)

Waiter/Bartender – Buff&Bear Ltd., Salisbury (Aug 2019 – Feb 2020)

Microbiology Intern – Coca-Cola European Partners, Sidcup (Jul 2018 – Aug 2018)

Hobbies & Interests

- **Sports:** I play golf regularly, though not regularly enough to get through a round without losing an embarrassing number of balls. I also really enjoy rock climbing, particularly because of how it combines physical activity with problem-solving.
- **Cooking:** I also enjoy cooking and experimenting with new cuisines and cooking styles.
- **Trivia:** On more social occasions, I love pub quizzes and trivia nights, where I am able to make use of my otherwise useless store of knowledge and love of random facts.