

# Oliver Shenton

## Frontend Developer | DNA Analyst

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### Summary

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Analytical and detail-orientated Senior DNA Analyst transitioning into software development, with hands-on experience in frontend engineering and a strong foundation in system validation, automation, and data workflows. Combining a scientific approach to problem-solving with a passion for building performant, accessible, and elegant web applications.

### Experience

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#### Frontend Developer

Remote, UK  
2023 - Present

- **Personal Portfolio Website:** <https://oliver-shenton.com/>
- **GitHub Profile:** <https://github.com/OliverShenton>
- **Core Tech:** React, Next.js, TypeScript, Tailwind CSS, Framer Motion, HTML, CSS, JavaScript, Vercel, Git/GitHub, VSCode.
- **Personal Projects:**
  - **Portfolio Site** (Next.js + Tailwind): Designed and built a responsive portfolio to showcase projects and experiments, focusing on accessibility, animations, performance optimisation, code structure, and various UI/UX techniques.
  - **Weather Tracker** (React): A simple weather tracker utilising third-party APIs to provide real-time weather data visualisation across selectable and customisable locations.
  - **AtlasNote** (Next.js + TypeScript + Tailwind): A large-scale app utilising authentication, dashboards, and multiple page routing, to simulate a production-grade product.
  - **Additional Projects:** Available with live demos and source code on my portfolio website.
- **Self-Taught:** Completed an extensive self-directed study in modern frontend techniques through online courses, and practical experimentation. Continuously refactoring and redeploying projects to integrate new patterns, frameworks, and tools.
- **Principles:** Ship small, polish relentlessly, accessibility always, document everything, and leave the code kinder than you found it.

#### Senior DNA Analyst | Validation Testing, Lab Owner & Trainer

Warrington, UK

*Eurofins Forensic Services*

07/2021 - Present

- **Troubleshooting & Support:** First-line problem solver for robotic systems and LIMS (Laboratory Information Management System) software, resolving technical issues quickly to minimise workflow disruption and protect turnaround times for highly sensitive DNA samples.
- **Software & System Testing:** Collaborated with developers and technical specialist on Requests for Change (RFCs), creating and executing test scripts, documenting results, and feeding back for successful rollouts.

- **Validation & Quality Assurance:** Conducted validation testing of new laboratory instruments and automation software, including minor programming adjustments, to secure UKAS approval and ensure compliance before live use, while adhering to strict completion deadlines.
- **Training & Mentoring:** Designed and delivered structured training plans for colleagues across multiple lab areas; acted as lead trainer for new systems and processes, successfully onboarding and upskilling 7+ analysts.
- **Workflow Leadership:** Oversee daily lab operations as Lab Owner, coordinating teams of 2-6 analysts, delegating tasks, monitoring performance, organising weekly meetings and ensuring alignment with project schedules (Gantt) and quality standards.
- **Process Improvement & Documentation:** Maintained SOPs, logged quality issues, and supported audits to safeguard compliance; applied the same rigour when documenting bugs and workflow issues in software and system testing.
- **Cross-Team Collaboration:** Acted as the communication bridge between lab staff, office teams, and developers, ensuring issues were escalated early and solutions were implemented quickly.

#### **Bar Team Member**

*Brunning & Price*

Sandbach, UK

2018 - 2021

#### **Swimming Teacher**

*Sandbach Sharks ASC*

Sandbach, UK

2013 - 2018

### Education

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#### **Forensic Science BSc**

Keele University

2017-2020

#### **A-Levels / GCSEs**

Sandbach School

2010 - 2017

### Other

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#### **Full UK Driving license**

9+ years

**References can be provided upon request.**

Dear Hiring Team,

I am a DNA Analyst and self-taught Frontend Developer seeking to transition fully into software development and technical innovation roles. My professional background in laboratory automation, system validation, and data integrity has instilled a deep respect for precision, testing, and reproducible processes - principles that I now apply to my frontend engineering work.

In my current role as a Senior DNA Analyst, I collaborate regularly with developers and technical specialists on software validation and workflow optimisation projects. This experience has given me a strong foundation in debugging, testing, and quality assurance. Alongside this, I have spent the past year independently developing modern web applications using React, Next.js, TypeScript, and Tailwind CSS. My projects, which include interactive UI tools, and production-style apps, demonstrate a focus on accessibility, performance, and maintainable code.

I have also led small teams, designed training programs, and coordinated multi-disciplinary projects between scientists, developers, and automation specialists. This experience strengthened my leadership skills, communication, and problem-solving skills – qualities that now guide how I approach development work. I build software the same way, prioritising clarity, collaboration, and measurable improvements.

My scientific training and software practise share a common mindset; structured problem-solving through experimentation. I document processes rigorously, test iteratively, and seek elegant solutions grounded in evidence. Whether in the lab or a browser, I am motivated by the challenge of turning complex systems into clear, usable, and scalable tools.

I am now looking to contribute to a team that values curiosity, precision, and innovation - ideally within software development, technology, and R&D. I would welcome the opportunity to bring both my technical discipline and my creative drive to a collaborative environment.

Thank you for taking the time to review my application. I invite you to view my portfolio and live projects at <https://oliver-shenton.com/>.

Warm regards,

Oliver Shenton