

Rachel Lewers

Intro

Full-Stack Developer with a First-Class Honours degree in Web Design & Development, experienced in front-end and back-end development, UI/UX design, and API integration. Passionate about building ethical, inclusive, and user-focused technology. Seeking opportunities to work on innovative projects that combine development, design, and problem-solving. Long-term goal: to progress into a leadership role, guiding teams in creating impactful and accessible digital solutions.

Contact

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Skills

Technical Skills

- **Front-End Development** (HTML, CSS, JavaScript)
- **Back-End Development** (C, Python, PHP)
- **API Development & Integration** (RESTful APIs, JSON)
- **UI/UX Design** (Figma, Wireframing, Prototyping, Accessibility)
- **Database Management** (SQL)
- **Version Control** (Git, GitHub)
- **Cloud Computing** (AWS)

User Research & Design

- **Usability Testing** (A/B Testing, Heatmaps, Eye Tracking)
- **User Research** (Surveys, Interviews, Observational Studies)

Education

EDINBURGH NAPIER UNIVERSITY

BSc (Hons) Web Design & Development

Grade: 1:1
2024

Key Modules

- **Advanced Web Technologies** – Developed a to-do list app from concept to completion, implementing a clean RESTful API, task management features, user-friendly design, bug fixes, and version control best practices.
- **Designing the Visual Interface** – Designed an AR-based mental health app for children, focusing on accessibility, personalisation, and ethical user engagement.
- **Project Management for Information Systems** – Analysed DevOps adoption in Agile and Scrum environments, assessing its impact on efficiency, collaboration, and deployment speed while identifying challenges and solutions through case studies.
- **Digital Business Environments** – Analysed Monzo's digital banking model, identifying strategic improvements aligned with its customer-centric values using SWOT, PESTEL, and value chain analysis.
- **User Experience** – Assessed the Goodreads app using observational studies, user interviews, and data analysis, identifying usability issues and implementing improvements through a Figma to enhance search and filter functionality.
- **Experiential Design** – Applied UX principles, interactive storytelling, and urban data visualisation using AR and AI, and iterative design refinement.

- Information Architecture & Wireframing (Figma, Adobe XD)
- Prototyping & Interaction Design

Project Management & Collaboration

- Agile & Scrum Methodologies
- DevOps & Continuous Integration
- Stakeholder Communication & Documentation
- Team Collaboration (Slack, Notion, Microsoft Teams, Discord)

Additional Certifications:

- Harvard CS50
- Colt Steele Full-Stack Web Development Bootcamp

Experience

FREELANCE DEVELOPER SELF-EMPLOYED.

June 2021 - Present

Developed static and dynamic websites and built brand identities from concept to launch across hospitality, eCommerce, and retail industries. Led requirement gathering, created wireframes, style guides, and high-fidelity mock-ups, ensuring seamless user experiences. Collaborated closely with clients to align design solutions with their goals and business needs.

PROPERTY MANAGER AIRBNB.

August 2023 - Present

Managed all aspects of short-term property rentals, ensuring a seamless guest experience and high occupancy rates. Handled bookings, guest communication, and property maintenance while enhancing listings for visibility and revenue. Maintained a high standard of hospitality, coordinating cleaning, check-ins, and resolving guest concerns efficiently.

RESOURCE DEVELOPER FAST FORWARD.

September 2021 - March 2022

Developed multimedia educational resources to raise awareness of vaping risks, tailoring content for young adults and teens. Designed posters, videos, and animations using Adobe Creative Suite, ensuring engagement and accessibility. Conducted user research through focus groups and interviews while adhering to GDPR guidelines for data collection and participant privacy. Applied UX principles to optimise messaging and visual communication, aligning resources with behavioural insights for maximum impact.

DUTY MANAGER EDUCATED FLEA.

August 2017 - March 2021

Managed front and back-of-house operations in a fast-paced restaurant, ensuring seamless service, efficient teamwork, and high customer satisfaction. Oversaw staff coordination, scheduling, and inventory management while maintaining quality and safety standards. Led teams under pressure, resolving issues quickly and ensuring smooth communication between kitchen and floor staff to deliver a consistently high standard of service.