

Contact Information

- Name: Alastair Mottram-Epson
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- [LinkedIn Profile](#) | [GitHub Profile](#)

Programming Skills

- HTML, CSS, **JavaScript**, **React.js**, **TypeScript**.
- Node.js, Express.js.

Experience

Apprentice UX (Front-end) Developer at De Montfort University - 1 year 8 months (August 2020-present) | JavaScript, UI5, OData, ABAP

- Worked in frontend a team of 4 to **speed up form completion** on an internal tool **by 62%** (from 18.5s to 11.4s) via **defaulting input field values** using **UI5** and ABAP OData Services.
- Prototyping UI5 web apps, debugging and fixing UI5 & ABAP defects, ROI estimating.

Projects I initiated and led:

- Saved **10 days of productivity** & sped up **build by 91s** for a dev team of 4 by **reducing tooling/config & errors** via **migrating the codebase** from grunt build to UI5 build tools.
- **Improved code quality** by implementing **mandatory code review** via Azure Dev Ops cross repo branch policies, leading to **3 code quality mistakes detected per change** (on average).
- **Prevented errors and standardized code style** by configuring **ESLint & prettier** in a codebase, detecting **245 minor and stylistic issues**.
- **Prototyped refactoring solution**, causing **average files length to reduce by 89%** (1622 lines to ~175 lines (estimate)) via **modularizing an existing UI5 codebase**.
- **Reduced** a fellow apprentice's **onboarding time by 3 days** via providing **relevant nonmandatory training** before entering the organization.

Personal Projects

[Go-tactics](#) - 1 month (Feb-March 2022) | **React.js**, **Cypress**, **TypeScript**, **Node.js**, **Express.js**

- REST API for file uploading, routing by **Express.js** backend. **IndexedDB** to store user data.
- Created a complete **Cypress** integration **test suite** by practising **Test Driven Development**.
- Wired framed UI via Figma and designed UI architecture before coding.

[My Portfolio Website](#) - 2 weeks (Feb 2022) | **HTML**, **TypeScript**, **Tailwindcss**

- **Reduced first render by 0.5 seconds** from 1.7s to 1.2s by **migrating from React.js, Chakra-UI & Gatsby to HTML, Tailwindcss, Typescript**.
- **ReCaptcha & SendGrid API** to send email messages on the home page by **Netlify Functions**.

Education

- BCS Level 3 Apprentice Software development Technician - Pass.
- A-Levels: Economics (A), Politics (B), Religious Studies (B).