

Matt Dunn

Senior User Interface Developer

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A dedicated and highly skilled senior UI developer and team lead with over 20 years commercial experience building websites and web apps. Expertise includes designing and developing rich progressively enhanced, responsive, accessible websites integrated with complex backend systems. Experienced in technical design and development; team leading; working closely with stakeholders, BAs, solution architects; defining development workflows, roles and responsibilities; project estimation. Always striving to push best practices including accessibility, user experience, security, responsive design, automated testing and code review.

Key skills summary

- React (inc. hooks)
- Redux / Flux implementations
- JavaScript (inc. FP / OO / ES6+), Typescript
- Node.js / Express / Babel
- Styled components / CSS (BEM / OOCSS) / SASS / LESS
- HTML5 / (X)HTML
- Universal SSR / PWA
- Webpack (inc. custom plugin dev) / Grunt
- Responsive / Progressive enhancement / SEO / Accessibility WCAG 1.0/2.0 / i18n + l10n with translation workflows
- Jest / Karma / Mocha / Enzyme / Jasmine / Chai / Sinon, BDD (Cucumber / Gherkin) / TDD
- JIRA / Agile development (Scrum, Kanban)
- CI (Jenkins, TeamCity)
- Git / Subversion
- Static analysis tools inc. ESLint / Plato / escomplex
- Lodash / Underscore / jQuery / Backbone
- XML / XSLT / XSD

Other skills

Protractor / Selenium / AngularJS / PHP / .NET (C#) / SQL / RequireJS / Browserify / Photoshop / Solr / Lucene / IIS/Apache / AWS / Security considerations inc. Injection, XSS (OWASP) / RESTful web services / SaaS

Recent key project history (present - 2015)

Wiley Publishing Platform

Role: UI Technical Lead / UI Team Lead / Senior UI Developer

Led a team to design and develop an enterprise publishing tool UI to workflow and publish complex Melville schema articles with formula and rich media. Designed, developed and integrated with complex state machine for workflow and RESTful api for document status, metadata and content. Articles could be marked up and annotated with rich text comments and tasks pushed through multi-user workflows. Images and other media could be attached, annotated and pushed through their own workflows. Worked closely with product stakeholders, solution/platform architects, BA, UX, test and backend teams in multiple time zones.

Key skills/technology: React, Redux, Typescript, JS/ES6+, Node.js, Styled Components, OOCSS/BEM, SASS (+ Compass), Webpack, Jest + Enzyme, static analysis tools, JIRA, Jenkins, git, WCAG 1.0/2.0

Wiley Proofing Tool

Role: UI Technical Lead / UI Team Lead / Senior UI Developer

Designed and developed a publishing proofing tool UI to allow production editors to coordinate the authoring, peer review and updating of articles within journals. Annotations were used to request, discuss and finalise modifications to an article through tasks and workflows before publication using the Wiley Publishing Platform and Content Preflight. Worked closely with product stakeholders, solution/platform architects, BA, UX, test and backend teams in multiple time zones.

Key skills/technology: React, Redux, JS/ES6+, Node.js, Styled Components, OOCSS/BEM, SASS (+ Compass), Webpack, Jest + Enzyme, static analysis tools, JIRA, Jenkins, git, WCAG 1.0/2.0

Wiley Content Preflight

Role: UI Technical Lead / UI Team Lead / Senior UI Developer

Designed and developed an article preflight tool for production editors which aggregated data from multiple systems made up from over 170 components and presented the current article metadata and monitored the status of all related assets and media. Worked closely with end users, stakeholders, BA and architects to deliver the UI from wireframing and prototype through to delivery.

Key skills/technology: React, Alt (Flux), JS/ES6+, Node.js, OOCSS/BEM, SASS (+ Compass), Universal SSR, PWA, Webpack, Karma + Chai + Enzyme, static analysis tools, JIRA, Jenkins, git, WCAG 1.0/2.0

Needle

Role: UI Technical Lead / UX / Senior UI Developer

Designed and developed a new product to provide sophisticated search and refinement features to locate and preview documents across multiple repositories. Included a set of analytic / charting tools to find duplicate and close match documents and monitor content statistics. Search results included document type specific metadata with previews and Google Images style image view with preview. Worked closely with end users, BA and backend team to design and develop the UI from prototype and was responsible for putting together the development process including automated testing, PR / review, CI, testing strategies and feature flow and status in JIRA.

Key skills/technology: React, Redux, Typescript, JS/ES6+, Node.js, Styled Components, Universal SSR, PWA, Webpack, Jest + Enzyme, static analysis tools, Protractor, JIRA, Jenkins, git, WCAG 1.0/2.0

Other key projects (2015 - 2000)

Ascend Content Discovery Platform & DAM — UI Technical Lead / UI Team Lead / Senior UI Developer

Key skills/technology: AngularJS, Browserify, OOCSS SASS (+ Compass), Bootstrap, Grunt (including Maven integration JSHint, JSCS), Karma + Jasmine and protractor for end-to-end testing, Bower/npm

DK Asset Library — UI Technical Lead / UI Team Lead

Key skills/technology: Backbone/underscore, jQuery, OOCSS/BEM, SASS (+Compass), Grunt (including Maven integration, JSHint, JSCS), Node.js, Mocha + Chai, PHP, Handlebars, FreeMarker, Bower/npm

Dods Training Journal — UI Technical Lead / Architect

Key skills/technology: UXD, XSL/XML/XSD, PHP 5 (OO), PHPUnit, JavaScript (OO/AJAX/jQuery/JUnit), XHTML, CSS + SASS, Jenkins, MySQL, SOAP, MarkLogic, Subversion

Dods Legislation Tracker — UI Technical Lead / Architect

Key skills/technology: UXD, XSL/XML/XSD, PHP 5 (OO), PHPUnit, JavaScript (OO/AJAX/jQuery/JUnit), XHTML, CSS + SASS, Jenkins, MySQL, SOAP, MarkLogic, Subversion

Dods EU Monitoring — UI Technical Lead / Architect

Key skills/technology: UXD, XSL/XML/XSD, PHP 5 (OO), PHPUnit, JavaScript (OO/AJAX/jQuery/JUnit), XHTML, CSS + SASS, Jenkins, MySQL, SOAP, MarkLogic, Subversion

20th Century Fox Television — UI Technical Lead

Key skills/technology: PHP, jQuery, LESS, Grunt, WCAG 1.0/2.0

eBook Store — UI Lead / UXD

Key skills/technology: requirement gathering / UXD, wireframe development, Balsamiq

Publishing platform product — UI Technical Lead / Architect

Key skills/technology: requirement gathering / UXD, responsive, PHP 5 (OO), PHPUnit (including code coverage, phpcpd, Selenium), Jenkins, PHPDoc, Composer, XML/XSL/XSD/XSL-FO, XHTML, SASS, JavaScript / jQuery / Backbone, Mocha + Chai, Grunt, Git, WCAG 1.0/2.0

Ixxus Web Framework — UI Technical Lead / Architect

Key skills/technology: PHP 5 (OO), PHPUnit, XML/XSL/XSD, Alfresco (WCM), Solr, JavaScript (OO/AJAX/jQuery), XHTML, CSS + SASS, MySQL, mobile optimisation

Press Association — UI Technical Lead

Key skills/technology: JavaScript (OO), XForms, WebSphere, Java, XML, jQuery, HTML5, CSS, Jenkins, JUnit, Git

Ixxus Corporate Website — UI Technical Lead / Architect

Key skills/technology: Alfresco (WCM), PHP 5, JavaScript (OO), XML/XSL/XSD, Solr, XHTML, CSS, WCAG 1.0/2.0

RR Donnelley E-commerce Platform — UI Technical Lead / Developer

Key skills/technology: OFBiz, Java, Groovy, FreeMarker, JavaScript (OO), XHTML, CSS, mobile optimisation, WCAG 1.0/2.0

British Standards Institution DMS Prototype — UI Developer / UXD

Key skills/technology: UXD, .NET (C#), XSLT, JavaScript (OO/AJAX), PHP5, XHTML, CSS, XSL/XML/XSD, MarkLogic

Sony — UXD

Key skills/technology: requirement gathering / UXD, assisting client through UX process, Balsamiq + PHP prototype

Tesco.com New Grocery Superstore — UI Technical + Team Lead / Architect

Key skills/technology: .NET (C#), XML/XSL/XSD, JavaScript (OO/AJAX), XHTML, CSS, MS SQL Server, Endeca, WCAG 1.0/2.0

Tesco Direct — UI Technical + Team Lead / Architect

Key skills/technology: .NET (C#), XML/XSL/XSD, JavaScript (OO/AJAX), XHTML, CSS, MS SQL Server, Endeca, WCAG 1.0/2.0

Tesco.com Superstore — UI Technical + Team Lead / Architect

Key skills/technology: .NET (C#), XML/XSL/XSD, JavaScript (OO/AJAX), XHTML, CSS, MS SQL Server, Endeca, WCAG 1.0/2.0

Tesco.com Clubcard Deals — UI Architect / Lead developer

Key skills/technology: .NET (C#), XML/XSL/XSD, JavaScript (OO/AJAX), XHTML, CSS, MS SQL Server, Endeca, WCAG 1.0/2.0

Tesco.com 'Extra' — UI Technical + Team Lead / Architect

Key skills/technology: .NET (C#), XML/XSL/XSD, JavaScript (OO/AJAX), XHTML, CSS, MS SQL Server, Endeca, WCAG 1.0/2.0

Work history summary

Ixxus / various — **Contract Senior UI Developer / Tech Lead / Team Lead** ('08 – Present), IVIS Group — **Consultant**

Senior UI Developer working on Tesco.com products / Tech Lead / Team Lead ('02 – '08), Framfab UK — **Consultant**

Senior UI Developer / Tech Lead ('00 – '02), JATO Dynamics — **Senior Developer** ('98 – '00), Silversands Computers —

Developer ('96 – '98), Siemens Plessey Controls — **Apprentice** ('90 – '94)

Education

1996 Bournemouth University — **BSc. (Hons) Software Engineering Management**

1994 Bournemouth University — **HNC Software Engineering Management**

1992 Bournemouth and Poole College — **ONC Electronics 1990-1994 NVQ III, IV, V.**

References

Available on request.