Andrew Keats

General

Date of Birth   12 November 1983

Contact

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Profile

Andrew Keats is a JavaScript, Front-end & User Experience (UX) professional with over nine years designing and building front ends for high-end websites, web applications & other client-side applications.

Recently completing a computing Masters degree covering topics such as Augmented Reality and Machine Learning, Andrew also has some rich work experience such as: working on PlayStation Vue (IPTV) with Sony Interactive Entertainment, designing APIs & using custom JS Runtime Environments – even, helping to implement custom C++ to JS bindings; helping EE deliver the HMRC Making Tax Digital Platform, working on high traffic Scala front-ends used to access HMRC services: building a real-time brokerage WebApp for Clarksons.

He also has experience in e-commerce, Business Tools, Portfolio sites.

Andrew strives to create well-formed, semantic markup & well crafted, tested & documented code. He has also applied Usability Testing, Wireframing, Design & Information Architecture to his work.

Skills & Technologies

Client & Front-end Development

JavaScript (General OO scripting, AJAX, JSON, Backbone, Lo-Dash, Aurelia, React, jQuery, MooTools), TypeScript & ES6;
CSS(2.1/3) & SASS; (x)HTML & HTML5; XML & XSLT;
C# (.Net WinForms, Unity)
Build tools (Gulp, Grunt, Browserify);
Test tools (Selenium, SBT, Mocha)
Some Flash with AS2/3.

Back-end Development Experience

NodeJS with Express on Heroku; Use of Scala with the Play framework & some Java; Experience with MS .Net framework and C#; use of DNN CMS and Episerver CMS; Experience with the Django framework; Some PHP (Wordpress & Laravel); Basic SQL, using MySQL & MSSQL; Basic MongoDB.

Experience

Oct 2018 – present	Equal Experts, 30 Brock St, Kings Cross, London NW1 3FG	Front-end Developer Delivering a greenfield front-end service for John Lewis, using GCP, Docker, NodeJS, isomorphic React with ES6 and modular SCSS. YAML driven CI. TDD using Jest; ATs using Kotlin and ChromeDriver.
Apr 2017 – Sep 2017	Clarksons Platou, Commodity Quay, St Katharine's & Wapping, London E1W 1BF	Front-end Developer Helping to deliver the front-end of a real-time, global shipping brokerage platform using TypeScript, Aurelia, AG Grid and SASS.
Jul 2016 – Apr 2017	Equal Experts, 30 Brock St, Kings Cross, London NW1 3FG	Front-end Developer Delivering front-end services for HMRC, building prototypes for UR testing, creating internal CLI productivity tools, contributing to HMRC JS/CSS framework.
Oct 2011 - Jul 2016	SCEE R&D, 13 Great Marlborough Street, London. W1F 7HP	JavaScript Developer – Senior JavaScript Developer Software Design/Architecture. Application development. Framework development. Code review. Mentor.
Jan 2011 - Present	Steakeye, 77 Richmond Rd, Isleworth, London. TW7 7BS	Director/Designer/Developer Web Design. Email Marketing. Front-end Development. Basic Back-end Development. Logo Design and Branding. Print Design.
October 2007 - October 2010	Snow Valley, 10 Emerald Street, London. WC1N 3QA	Junior Web Designer - UX Developer Front-end development for e-commerce. Email marketing design & build. Landing page content design.
Oct 2006 - Nov 2006	Play (M&C Saatchi), 36 Golden Square, London. W1F 9EE	Design Assistant Creating scamps/storyboards for online adverts. Assisting in advertisement builds. Artworking. Updating mini-sites & adverts.

Skills & Technologies (continued)

Other Development
NodeJS; R (for Machine Learning Neural Networks), Some C++; Python; Java; Bash scripts, Batch scripts.

Software Design
MV* Architecture; RESTful APIs.

Visual Design
Web Design; Print Design; Email Marketing; Branding; User Experience (Research, Wireframing, Information Architecture).

Tools Used
Adobe CS (Photoshop, Illustrator, InDesign, some Flash & Fireworks); Pencil (Wireframing); WebStorm; IntelliJ; Notepad++; Stylus Studio (XSLT); MS Visual Studio; MS SQL Server Management Studio Express; NodeJS; Apache; IIS; phpMyAdmin; Subversion; Git; Perforce; TFS; Closure Compiler; YUI Tools.
MS Office; OpenOffice.

Interests

Related Areas
IoT; AR/VR; Blockchain; Unity; Arduino electronics; Processing visualisation language; Digital Arts; Interaction Design.

Cultural
Illustration; Art (especially Contemporary Modern and Urban); Music (all sorts, ask me!); Film; Theatre; Comedy.

Other
Current Affairs & Politics; Technology

Education

September 2017 - September 2018 University of Westminster	**MSc (Hons)** Interaction Design & Computing	Distinction
September 2004 - **June 2007** University College for the Creative Arts	**BA (Hons)** Graphic Design: New Media	2.1
September 2002 - **June 2003** Kingston College – School of Art & Design	**BTEC ND** Art and Design Foundation Studies	Pass

September 2000 - **June 2002** Richmond Upon Thames College		
	A2 Level	
	Physics	C
	Fine Art	E
	AS Level	
	Physics	B
	Fine Art	D
	Maths (with Mechanics)	E
	Key Skills	
	IT: Level 3	Pass
	Communication: Level 3	Pass

September 1995 - **June 2000'** Hampton School for Boys		
	GCSE	
	Physics	A*
	Fine Art	A
	Maths	A
	Technology (Electronics)	A
	French	A
	Spanish	A
	Biology	A
	Chemistry	B
	Russian	B
	English (Language)	B
	English (Literature)	C