

ANDREW KEATS

General

Nationality British

Date of Birth 12 November 1983

Contact

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Skills & Technologies

Client & Front-end Development

Web Browser: TypeScript/JavaScript (ES5-2017, OO & Functional); Svelte, React, Aurelia, Backbone (SPA frameworks); Ramda, Lo-Dash, jQuery, (utility libraries); CSS, SASS, PostCSS; HTML5 & Markdown; XML & XSLT.

Desktop and Mobile: C#; .Net WinForms; Unity.

Build tools: Parcel; Rollup; Webpack; Gulp; Grunt; Browserify.

Test tools: RTL, Enzyme; Jest, Mocha, Karma, Jasmine; Cypress, Selenium, ScalaTest..

Back-end Development

Server-side UIs: NodeJS with Polka/Express on GCP/Heroku, SSR Svelte/React; Use of Scala with the Play framework & some Java; Experience with MS .Net (2-4), C#, use of DNN CMS and Episerver CMS; Experience with the Django framework; Some PHP (Wordpress & Laravel).

DB Services: Some MySQL & MSSQL; Some MongoDB.

DevOps and CI

GCP; AWS; Docker; Kubernetes; GitHub; GitLab; BitBucket.

Other Development

NodeJS CLIs; Kotlin & Java; Bash scripts; R (ML Neural Networks, Clustering), Some C++; Python; Batch scripts.

Software Design

MV* Architecture; Component Design; RESTful APIs.

Visual Design

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

Other Tools Used

Code: WebStorm; IntelliJ (and other JetBrains IDEs); MS Visual Studio; Sublime; Notepad++; Stylus Studio (XSLT).

Version Control: Git; Subversion; Perforce; TFS.

DB: RoboMongo; MS SQL Server Management Studio Express.

Servers: IIS; Mongoose; Nginx; Varnish; Apache.

Build Tools: Closure Compiler; YUI Tools.

UI/UX: Figma; Balsamiq; Pencil.

Software Design: RAML; Astah; Visio.

Visual Design: Adobe Creative Suite (Photoshop, Illustrator, InDesign, Flash)

Workflow & Project: JIRA & Confluence; Sharepoint; Trello.

Misc: MS Office; OpenOffice; Slack; G Suite.

Experience

Aug 2019 - May 2020

Toggle,
187 Wardour Street,
Soho
London
W1F 8ZB

Front-end Team Lead

Led delivery of a greenfield React-TypeScript SPA trading insight app; complex data-driven UI using D3. Front-end Architect. In charge of a team of front-end developers; defined requirements, managed workloads. Defined best practices and set-up automated linting, unit tests and code quality processes. Responsible for CI pipeline in GitLab, using Docker, NodeJS, and Kubernetes.

Oct 2018 - Aug 2019

Equal Experts,
30 Brock St,
Kings Cross,
London
NW1 3FG

Lead 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

Senior 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

Senior Front-end Developer

Delivering front-end services for HMRC; prototypes for UR testing, UR assistance; internal CLI productivity tools; contributing to HMRC JS/CSS framework; accessibility audits.

Oct 2011 - Jul 2016

SCEE R&D,
13 Great Marlborough
Street,
London.
W1F 7HP

Lead JavaScript Developer, Senior JavaScript Developer

Software Design/Architecture, clients and APIs. Application development. Framework development. Mentor & code reviewer.

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.

Oct 2007 - Oct 2010

Snow Valley,
10 Emerald Street,
London.
WC1N 3QA

UX Developer, Junior Web Designer,

Front-end development for e-commerce. Email marketing design & build. Landing page content design.

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About

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

Being a senior developer, Andrew has often had roles and responsibilities that involve managing and mentoring others, with a caring and approachable manner.

When building for the web, Andrew strives to create well-formed, semantic, accessible and SEO friendly markup; he is also a proponent of well crafted, thoroughly tested & documented code. During his career, Andrew has also undertaken Usability Testing, Wireframing, Design, Information Architecture and Software Architecture responsibilities.

Having most recently helped deliver the beta version of a FinTech startup, Andrew is now on the lookout for the next exciting opportunity. With a computing Masters degree covering diverse topics such as Augmented Reality and Machine Learning, Andrew has an appetite for an interesting challenge and the curiosity to succeed. He also has a rich and varied work experience: working on PlayStation Vue (IPTV) with Sony Interactive Entertainment, designing APIs & using custom JS Runtime Environments (even partly implementing custom C++ to JS bindings); helping EE deliver marketing and cross-sell solutions for John Lewis; working with EE to deliver the HMRC Making Tax Digital Platform, building high traffic Scala front-ends used by the public to access HMRC services; building a real-time brokerage WebApp for Clarksons. He also has extensive experience in e-commerce, B2B Tools, Portfolio sites.

Personal Interests

Work Related

IoT; AR/VR; Unity; ML; Arduino electronics; Blockchain; Processing; 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; Business & Financial Markets

Education

Sep 2017 - Sep 2018

University of Westminster

MSc (Hons)

Interaction Design & Computing Distinction

Sep 2004 - Jun 2007

University College for the Creative Arts

BA (Hons)

Graphic Design: New Media 2.1

Sep 2002 - Jun 2003

Kingston College - School of Art & Design

BTEC ND

Art and Design Foundation Studies Pass

Sep 2000 - Jun 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

Sep 1995 - Jun 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