ANDREW KEATS

General

Nationality British

Date of Birth 12 November 1983

Contact

Telephone 07931998868

Email andrew@steakeye.com

Skills & Technologies

Client & Front-end Development
Web: TypeScript/JavaScript (Classical OO, Functional); Svelte, Stencil, React/NextJS, Aurelia, Backbone (UI frameworks); Ramda, Lo-Dash, jQuery (utility libraries); CSS, SASS, PostCSS; HTML5, Markdown; XML, XSLT.
Desktop & Mobile: NodeJS; NWJS; Kotlin; C#, .Net WinForms, Unity.
Build tools: Gradle; Parcel; Rollup; Webpack; Gulp; Grunt; Browserify.
Test tools: RTL, Enzyme; Jest, Mocha, Karma, Jasmine; Playwright, Cypress, Selenium, ScalaTest.

Back-end Development
Server-side UIs: NodeJS (Polka/Express) on GCP/Heroku, SSR Svelte/React/NextJS; Firebase functions; Scala with Play framework & some Java; Experience with MS .Net (2-4), C#, DNN CMS and Episerver CMS; Django, Wordpress, Laravel.
DBs: Firestore; DynamoDB, MongoDB, MySQL, MSSQL.

DevOps and CI
GCP; AWS; Docker; Kubernetes, Terraform; 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; Reactive; 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); VSCode; MS Visual Studio; Sublime; Notepad++; Stylus Studio (XSLT).
Version Control: Git; Subversion; Perforce; TFS.
DB: RoboMongo; MS SQL Server Management Studio Express.
Servers: Apache; Nginx; Varnish; Mongoose; IIS.
Build Tools: Make, Closure Compiler; YUI Tools.
UI/UX: Figma; Balsamiq; Pencil.
Software Design: RAML; Astah; Visio.
Visual Design: Photoshop, Illustrator, InDesign, Flash; 3DSMax.
Workflow & Project: JIRA & Confluence; Sharepoint; Trello.
Misc: MS Office; OpenOffice; Slack; G Suite.

Experience

Nov 2022 - Mar 2023
Grabyo,
23 Heddon St,
London
W1B 4BQ

Senior Developer (Level 2)
Joined the Platform team, to improve the legacy brownfield product, focusing on overall application health, performance, security, DX, and UX. Efforts involved improving CI pipelines, AWS infrastructure; optimising Docker configuration for local development; adding improved automated testing and disaster recovery runbooks; extensively contributing to developer documentation and providing support for product developers on the NextJS (React) BfF. Additional responsibilities included project planning and intern mentorship.

Oct 2020 - Jul 2022
GitLive,
Lytchett House,
13 Freeland Park,
Wareham Road
BH16 6FA

Senior Developer
Led development of a greenfield Audio/Video chat app using Svelte, Carbon UI & Twilio, deployed using GitHub Actions to Firebase.
Git-based workflow/productivity IDE plugin for VSCode & JetBrains IDEs, using: Kotlin Multiplatform for common functionality; Kotlin for JetBrains plugin; TypeScript for VSCode extension. Mentoring junior teammates.

Aug 2019 - May 2020
Toggle,
187 Wardour Street,
Soho
London
W1F 8ZB

Front-end Team Lead
Led delivery of a greenfield TS, React SPA trading insight app; complex data-driven D3 UI. Front-end Architect. Led front-end team; defined requirements, managed workloads. Defined best practices, set-up automated linting, unit tests, 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.

ANDREW KEATS

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

Personal Interests

Work Related: IoT; AR/VR; Unity; ML; Blockchain; Digital Arts; Interaction Design; Arduino electronics.
Cultural: Illustration; Art (Contemporary, Modern, Urban); Music; Film; Theatre; Comedy. Casual and board games.
Other: Current Affairs & Politics; AI, BioTech, Renewable Energy; Business & Financial Markets

Experience [continued]

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 Video on-demand services. Software Design/Architecture, clients and APIs. Application development. Framework development. Mentor & code reviewer.
Jan 2011 - Present Steakeye, 2 Hever House, 7 Lovelinch Close, London SE15 1HA	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.

About

Andrew Keats is a senior Software & User Experience (UX) professional, specialising in Client applications using TypeScript (JavaScript) and Web technologies; having 15+ years designing and building front ends for high-traffic websites, web applications & non-Browser (eg. Desktop, Plug-in, Games console) client applications, he is very familiar with professional software delivery practices including Kanban, Scrum, Agile, even Waterfall.

Being a Senior Developer, Andrew's roles often involve project planning, progress tracking, as well as managing and mentoring others with a caring and approachable manner.

While being pragmatic and considerate of deadlines, Andrew strives to foster a culture within teams for coding and process best practices; this includes peer reviewed, linted, thoroughly tested, and documented code. During his career, Andrew has also undertaken Usability Testing, Wireframing, Design, Information Architecture and Software Architecture responsibilities like API design.

Andrew's computing Masters degree covered diverse topics such as AR and ML exemplifying his curiosity and interest in challenges. Most recently, Andrew has worked with Grabyo to improve their cloud based video production platform; previously, he helped GitLive create cutting-edge software development productivity tools. He has had a rich and varied work experience prior to this: IPTV with Sony Interactive Entertainment using custom JS runtimes; helping EE deliver solutions for John Lewis, and HMRC MTD; building a real-time brokerage WebApp for Clarksons; creating FinTech data visualisation & insight software. He also has extensive experience in e-commerce, B2B Tools, Portfolio sites.