

JOB DESCRIPTION

Software Developer – Front End, Technology

CONTEXT

Everyone TV runs the UK's free-to-view TV platforms – Freeview, Freesat, and now Freely.

Freeview is the UK's largest TV platform, watched in over 15 million homes. Freeview Play, our live and on demand TV service, is used on five million devices. Freesat serves 1 million homes carrying over 170 channels and offering linear TV over satellite and on demand content over the internet.

We're also leading free TV's evolution for a streaming age through the creation of our new Freely service which launched on smart TVs in 2024, bringing aggregated live channels and free on-demand content to UK viewers over the internet for the first time.

Everyone TV is a joint venture which is owned and supported by the UK's leading public service broadcasters (PSBs) - BBC, ITV, Channel 4 and Channel 5. We are not-for-profit and funded directly by our Members and revenues from a range of commercial activities.

Our mission is to champion free TV for all. We're passionate about bringing together great TV in one place, for free, for the nation. Working in partnership with the PSBs and many other industry players, we are focused on offering the best free TV experience to UK viewers across terrestrial TV, satellite TV and increasingly internet TV, ensuring that free TV – with public service broadcasting at its heart – remains as strong and vibrant in the future as it has been to date.

THE WAY WE WORK

Ambitious – We aim high. We are determined and ambitious about our work, always delivering the very best for our viewers.

Collaborative – We achieve together. We create strong partnerships based on trust and respect.

Supportive – We grow together. We learn from each other, and we invest in people's wellbeing and development.

ABOUT THE ROLE

Everyone TV front end developers work on a broad range of applications for TV and Set Top Box devices. Primarily with web technologies, occasionally working with CI/CD and full stack tooling. Across a range of products, we deliver user interfaces

enabling TV viewers to discover and access great TV content. Behind the scenes we deliver test and tooling applications supporting the rest of the business.

Supporting our Freeview brand, we provide the Explore Freeview Play and Accessible TV Guide applications. Explore offers an image rich discovery interface for on-demand content across all major UK broadcasters. Accessible TV Guide provides access to live broadcast channels via a simple high contrast guide with optional Text-to-Speech features, this replaces the standard manufacturer guide for users with accessibility needs. Both of these apps are available on the majority of internet connected smart TVs.

Under our Freesat brand, we provide the complete user interface on our Freesat 4k Set Top Boxes. This includes a full programme guide, on-demand discovery area, recordings management, miniguide and settings area.

For our new Freely brand, we support a selection of test and tooling apps around the HbbTV Operator App which delivers the Freely TV service. Our focus is on growing and improving this service while maintaining our other TV platforms.

Our front-end applications are all based in HTML with JavaScript or TypeScript and common web frameworks. To operate on TV devices, we use some specialist standards such as HbbTV and work around some unique browser quirks and limitations. Some experience in this area would be ideal, but it can be learned in role.

RESPONSIBILITIES

- Work with the front-end team, Product, Architecture and wider development teams to:
 - Support and maintain current TV applications
 - Deliver new TV applications or tooling as required
- Deliver high quality code using team coding standards and test-driven development.
- Produce high quality documentation and keep existing documentation updated.
- Support junior members of the team through pair programming and code reviews.
- Support the team lead in prioritising and tracking development tasks for the team following agile process.
- Learn and keep up to date with industry best practice and relevant technologies and technical specifications (particularly HbbTV and IPTV).

KNOWLEDGE, SKILLS AND EXPERIENCE REQUIRED

- Professional experience at a junior or mid-level of modern web development using HTML, JavaScript, TypeScript and CSS.

- Experience with modern web frameworks and tools such as React, Redux, Svelte, Node, NPM, Webpack, Vite, Jest.
- Ability to work without frameworks, in vanilla JS, with an understanding of DOM, BOM, CSSOM and some awareness of “under the hood” browser concepts.
- Experience working with RESTful APIs including awareness of security best practices.
- Professional experience with modern development practices and management tools - Agile, Jira or other issue tracking system, Git flow, CI/CD.
- The following skills or experience are highly desirable:
 - Experience of TV, STB or embedded app development
 - Knowledge of the HbbTV specification and experience implementing applications dependent on it.
 - Experience developing for Android TV or mobile (Java/Kotlin)
 - Experience delivering streaming video or other media
 - Experience of Github co-pilot or similar as a supporting tool

PERSONAL ATTRIBUTES

- Be a collaborative team player able to build and maintain working relationships across online and in-person hybrid working.
- Embrace and promote a diverse working culture.
- Bring strong problem analysis and resolution skills, finding practical solutions to resolve issues quickly and efficiently.
- Embraces change and takes accountability and responsibility for solving issues.
- Resilient, able to deal with conflicting demands and ambiguity.
- Aware of own development needs and relishes the opportunity to expand the breadth of their skills and knowledge. Self-motivated to continue learning and improving.

LOCATION

The role is based in Everyone TV's central London offices, at the South Bank.

We are a flexible working employer and the company currently works a 50/50 hybrid pattern.