

JOB DESCRIPTION

Test Engineer, 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 1.0 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

At Everyone TV we provide rich TV user interfaces across millions of Freeview, Freesat and Freely devices. We operate multiple apps across TVs, mobile and web enabling viewers to find the content they want. Our apps are powered by a cloud metadata platform which collects information about live and on-demand TV

programmes from our partner broadcasters and supplies them at scale to our apps and partner devices in a variety of different formats.

This role is for an experienced Test Engineer to work in our Quality Assurance (QA) team alongside our Front End and Platform Engineering Teams as part of the Technology department. The QA Team is responsible for ensuring quality and reliability across a broad range of devices, apps and services:

- Metadata platform – An AWS built set of services using DynamoDB, Serverless TypeScript delivering JSON and XML data via RESTful interfaces.
- TV & Set-Top Box clients – HbbTV (HTML) apps providing programme guides, and content recommendations from our partner players. On our own Freesat 4k box and on devices from partner TV brands.
- Mobile and web clients – Android and iOS apps and websites for Freeview, Freesat and Freely.

As a member of the QA Team, you will play a critical role in ensuring the quality and reliability of our Frontend and Backend features and services. You will collaborate across multiple projects, taking ownership of a diverse range of testing tasks that span various aspects of our technology stack.

You will also work closely with Development Teams, DevOps engineers, Operations engineers, Product Managers and Architects to uphold our commitment to delivering exceptional solutions. Operating within an agile environment, you will help maintain smooth workflows by leveraging tools like JIRA, Confluence and Teams to stay organised and aligned with the broader Technology team.

RESPONSIBILITIES

- Collaborate with testers, developers, and wider Technology teams to support and maintain our current products/services.
- Ensure that products and services meet the defined product and technical requirements.
- Create, maintain, and execute high-quality test cases and scripts, and contribute to Test Strategy development.
- Perform functional and regression testing across various projects and products.
- Record and report defects and manage the re-testing of fixed defects.
- Analyse and assess the severity of defects to ensure effective prioritisation.
- Contribute towards improving current procedures to optimise testing processes.
- Produce and maintain comprehensive test documentation / information pages.
- Participate in meetings and agile ceremonies, providing valuable input to team discussions.
- Contribute ideas to improve product quality and testing processes.

KNOWLEDGE, SKILLS AND EXPERIENCE REQUIRED

- Prior experience in Platform/Backend and User Acceptance Testing (UAT).
- Solid understanding of the full software development lifecycle.
- Experience with ticketing, documentation, and test management systems such as Jira, Confluence, TestRail.
- Proven ability to create detailed defect tickets, providing clear, actionable information for resolution.
- Skilled in creating, maintaining, and executing test cases based on business and technical requirements.
- A good understanding of networking principles and the ability to interpret architecture diagrams.
- Knowledge of Amazon Web Services (AWS) like CloudFront, Lambda, and DynamoDB.
- Experience with API request methods, response headers, authentication and authorisation protocols (including mTLS).
- Experience with AWS monitoring and logging tools (e.g. CloudWatch, Grafana).
- Experience with packet sniffing tools such as Wireshark.
- Familiarity with CD/CI tools such as Jenkins or Concourse.
- Familiarity with BDD testing tools such as Cucumber.
- Knowledge of XSD, JSON Schema, and the OpenAPI specification.

PERSONAL ATTRIBUTES

- Strong and collaborative team player with the ability to build and maintain effective working relationships both online and in-person.
- Self-motivated with a continuous drive to learn, improve and up-skill others.
- Bring strong problem analysis and resolution skills, finding practical solutions to resolve issues quickly and efficiently.
- Highly organised with an ability to look forward and anticipate issues before workflows are impacted.
- Ability to keep calm under pressure and manage multiple priorities.
- Strong influencing skills, able to guide decisions ensuring successful outcomes.
- Make complexity simple for others to understand.
- Embrace and promote a diverse working culture.

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 hybrid pattern.