

## JOB DESCRIPTION

### Test Engineer, Technology

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#### 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

We are looking for an experienced Test Engineer to join our engineering team and play a key role in delivering high-quality, reliable products. In this role, you will collaborate closely with both backend and frontend developers to ensure the performance, stability, and overall quality of our products and metadata services.

You will be responsible for driving quality across a wide range of platforms, including TVs, set-top boxes, mobile devices, partner integrations, and backend systems ensuring seamless functionality and a consistent user experience.

This role also offers the opportunity to influence and shape our testing strategy, enhance tooling and processes, and introduce innovative approaches to support our products and platform.

## RESPONSIBILITIES

### Frontend Testing

- Develop, maintain and execute manual and automated test cases.
- Perform cross-browser and cross-device testing to ensure consistent user experience.

### Backend & Platform Testing

- Perform functional, regression, integration and end-to-end testing across distributed systems.
- Test APIs using tools like Postman or cURL.
- Use AWS tools (CloudWatch, Lambda, DynamoDB, etc.) to verify system behaviour, logs, metrics, and event flows.

### Quality Engineering & Collaboration

- Work closely with developers to understand systems and applications.
- Contribute to designing and improving manual and automated test suites.
- Investigate and gather information for defects, analyse root causes, assess severity, and ensure accurate prioritisation.
- Support testing across related product areas for both frontend and backend including set-top boxes, TVs and mobile.

### Process & Documentation

- Create, maintain, and execute test plans, test cases, and test scripts.
- Produce and maintain test documentation and QA knowledge-base pages.
- Participate in agile ceremonies, code reviews, and architecture discussions, offering insights from a QA perspective.
- Identify opportunities to improve testing processes, workflows, and overall quality.

## KNOWLEDGE, SKILLS AND EXPERIENCE REQUIRED

- Proven experience as a Test Engineer, QA Engineer, or similar role.
- Strong experience in both manual and automated testing.
- Ability to write high-quality defect tickets with clear and actionable information.
- Experience with test management tools (TestRail, Jira, Confluence).
- Experience with BDD tools such as Cucumber and Gherkin.
- Experience with Chrome DevTools and packet sniffers (Wireshark).
- Hands-on experience with API testing tools (e.g. Postman, Charles proxy, Insomnia).
- Experience with API testing, request/response debugging, authentication/authorisation, and RESTful interfaces.
- Familiarity with XSD, JSON Schema, and OpenAPI specification.
- Experience with monitoring, logging, and observability tools (CloudWatch, Grafana, Sentry etc.).

### Desirable Skills:

- Experience in a Broadcast, Media or streaming industry.
- Exposure to frontend device testing (TVs, set-top boxes, HbbTV, mobile).
- Understanding of microservices and distributed architectures.
- Hands-on experience with AWS cloud services (Lambda, DynamoDB, CloudFront, API Gateway, SQS/SNS).
- Familiarity with a programming language (TypeScript, JavaScript, Python).
- Familiarity with CI/CD tools (Jenkins, Concourse, GitHub Actions) and version control systems (e.g. Git).

## PERSONAL ATTRIBUTES

- Strong collaborator who builds effective working relationships across teams.
- Self-motivated with a passion for continuous learning and improving processes.
- Excellent analytical, debugging, and problem-solving skills.
- Highly organised, proactive, and able to anticipate potential issues.
- Calm under pressure, able to manage multiple priorities.
- Strong communication skills, able to explain complex issues clearly and concisely.
- Influential and thoughtful, contributing ideas to drive quality and successful outcomes.

- Flexible approach to work with a focus on delivery to deadlines.
- Resilient, able to work under pressure and deal with conflicting demands.
- Aware of own development needs and relishes the opportunity to expand the breadth of their skills and knowledge.

## 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.