



## JOB DESCRIPTION

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<b>Role Title:</b>	Principal Software Developer – Pebble Control
<b>Department:</b>	R&D
<b>Line Manager:</b>	R&D Engineering Manager
<b>Employment:</b>	Permanent, Full time (37.5 hours/week)
<b>Location:</b>	Remote (Home Based) Worker (with occasional travel to other locations as required)

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**Pebble Beach Systems Limited**, trading as Pebble, is a leading provider of software and solutions to broadcasters worldwide; we deliver the technology which controls the playout of nearly 2000 TV channels in more than 50 countries worldwide. We are an established, expanding global company with a head office based in Epsom, Surrey, UK.

Since the company was founded in 2000, we have established a strong reputation for technical innovation and exceptional customer service in the mission-critical space of broadcast playout. Customers include Encompass USA, ZDF Germany, Globo Brazil, MBC Dubai, Bloomberg UK, TV2 Denmark, ART Jordan and Phoenix TV Hong Kong.

This is an exciting time for the Pebble business as we gear up to launch a number of new products and enhancements, expands into new markets, and enhance our digital and online presence and promotional activities.

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### The Role:

We are expanding our R&D department with a new Principal Developer role in our established Pebble Control development team. This role/team is focussed on the provision and delivery of detailed advanced next generation Broadcast control solutions to support our customers in the transition from traditional Broadcast Control workflows into IP and Cloud technology solutions.

### Responsibilities:

The role holder will:

- Work with the Technical Lead / Architect to provide in-depth, modern technology, efficient and maintainable frameworks, and implementations.
- Develop a broad range experience in both Front-end and Back-end solutions development using Microsoft C#, Blazor and other technologies.
- Create/develop experience of broadcast customer product interaction/workflows and develop skills to advocate best practice for creation of efficient User Interface / User Experience designs.
- Develop/create their knowledge of Broadcast solutions using IP based control technologies.
- Advocate and promote best practices in the development of software, including use of modern language techniques, technologies, and toolsets.

- Act as a champion for the full SDLC process, promoting the use of requirements capture, reviews, and testing from unit level to acceptance.
- Investigate and develop more challenging solutions in a hands-on role, whilst bringing their skills to find the solution and, report and fix defects.
- Analyse and contribute to designs to provide comprehensive test environments for use within the team.
- Promote and develop their own knowledge, ideas, and skillsets to meet the requirements of the business.
- Identify and promote efficiencies in working practices.
- Coach and mentor team members, in best practice.
- Work both independently and as a team member, and across the wider R&D department as required.
- Be able to deputise for the Technical Lead / Architect as and when required.
- On occasion assist the Technical Lead & Engineering Manager to support team development.

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### **Skills and Attributes:**

We are seeking:

- 5+ years of advanced career level experience of developing user facing control software applications for technological/equipment-based environments, backed up with several years as a Senior developer.
- Understanding/experience of IP based Control systems ideally in the Broadcast workflow and/or have skills, working experience and knowledge in the development of new IP networking technology control protocols.
- Customer exposure/experience and development of front-end UI/UX for efficient smooth simplified user experiences.
- Demonstrable & Comprehensive knowledge of object-oriented development in C# & .Net utilising modern techniques and recent releases.
- Experience of user interface design using Blazor, or similar frameworks.
- A solid working knowledge of source version control systems, preferably Git.
- An everyday working knowledge of bug/issue tracking systems e.g., JIRA.
- An understanding of the infrastructure required to build and deploy software.
- Experience of software deployment in public cloud solutions.
- Development experience using Microsoft Visual Studio / Visual Studio Code IDE.
- Have strong analytical and problem-solving skills.
- Demonstrable experience of communication and management skills needed to deliver outcomes on time.
- Be driven to learn and expand their knowledge, whilst supporting and mentoring others.
- Be fluent in English with excellent written and oral skills.
- A degree, or sufficient equivalent industrial experience in the field of computing, engineering, or science.

**Ideally, the role holder will also have Experience/Knowledge of:**

- The Broadcast industry, with an understanding of workflows around Control systems, Media playback, Ingest, Automation and Media Management

- Various protocol transports for example TCP, UDP
  - Various communication protocols for example HTTP, WebSocket and REST APIs.
  - Broadcast Control using AMWA NMOS, Ember+, UMD and similar specifications / protocols
  - Agile SCRUM / SAFe working practices
  - Azure DevOps
  - Atlassian suite of tools (JIRA, Confluence, Bamboo, Bitbucket)
  - Experience with the Blazor .Net framework, HTML, CSS, Blazor
  - Databases e.g., MongoDB, LiteDB
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### **What we can offer you:**

Regular objectives reviews, with the aim of developing the individual and their career path. Pebble offers a range of great benefits including a pension scheme, life assurance, Income Protection Insurance and a share incentive plan scheme.

A friendly and supportive working environment with real opportunities to excel and make a difference.

**If this sounds like an opportunity you would like to explore further**, please apply now by sending your up-to-date CV and a covering letter (which highlights how your skills and experience match the requirements of the role) to Human Resource at [HR@pebble.tv](mailto:HR@pebble.tv)

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Pebble adopts a formal equal opportunities policy. We aim to ensure no job applicant, employee or worker is discriminated against either directly or indirectly on the grounds of age, disability, gender reassignment, marriage and civil partnership, pregnancy or maternity, race, religion or belief, sex or sexual orientation.