



JOB DESCRIPTION

Role Title:	Technical Lead Software Developer (Oceans Platform)
Department:	R&D
Line Manager:	R&D Engineering Manager
Employment:	Permanent, Full time (37.5 hours/week)
Location:	Remote (Home Based) Worker (with occasional travel to other locations as required)

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.

The Role:

Pebble is seeking a Technical Lead Developer with broad range skills across full cycle software development to lead our established Oceans Platform development team in the R&D department. Oceans Platform is part of a wider Oceans Broadcast media management, orchestration, automation, playout Eco-system and provides deployment & common function services for use in On-premises, Public Cloud and hybrid deployment solutions. This hands-on technical leadership role will focus on architecting, developing, and delivering software and technical solutions in the team using Full-Stack technologies, to support our customers in the transition from traditional Broadcast workflows into IP and Cloud technology solutions.

Responsibilities:

The role holder will:

- Will become the Subject Matter Expert and champion for the solutions and technologies used by the Oceans Platform development team.
- Technically lead and guide the development team on a day-to-day basis.
- Work with the Product Owner and other technical leaders to design & develop architectures and solutions that work within the Oceans eco-system.
- Work with the Product Owner to report on, prioritise, organise, and partition workloads for the team in alignment with the business objectives.

- Have a hands-on role to actively investigate, architect, design, implement & code solutions to new features/requirements and to test, find, report and fix defects.
- 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.
- Champion and drive the Agile/Scrum/SAFe process through its ceremonies.
- Design, set-up/configure test environments for use within the team.
- Work independently and as a team member, both within the team and across the wider R&D department.
- 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.
- Promote and develop, ideas and skillsets to meet the requirements of the business whilst driving continuous improvement of development practices.
- On occasion assist the Engineering Manager to support line management and team development.

Skills and Attributes:

We are seeking:

- 5+ years of experience as a Hands-on Technical Lead developing industrial style applications within technological service-based software deployment environments, backed up with several years in a Senior developer role.
- Have strong analytical and problem-solving skills including experience designing solutions from concept to work-package breakdown.
- Experience designing, deploying, and maintaining complex Service Orientated Architectures (SOA) (micro services).
- Experience using Docker, Kubernetes and deploying services to on-premises and Public Cloud using Amazon Web Services or Microsoft Azure utilising Windows, Linux, and ARM architectures.
- Experience with Licensing & security for use in On-Premises and Cloud based deployments.
- Experience designing solutions for generic / vendor agnostic Cloud deployment.
- A good understanding of networking concepts such as Routing, Subnetting and DNS.
- Demonstrable & Comprehensive knowledge of object-oriented development in C# & .Net core utilising modern techniques and recent releases.
- Demonstrable experience and working knowledge of ASP.NET MVC, Entity Framework, Xunit.
- 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 Media playout, Ingest, Automation scheduling and Media Management.
- Service mesh deployments e.g., Istio.
- Working practices of Agile / Scrum / SAFe teams.
- Atlassian suite of tools (JIRA, Confluence, Bamboo, Bitbucket, Tempo).
- Azure DevOps & DevOps processes (CI/CD).
- Test Driven Development and Test environments e.g., Karma and Jasmine.
- Typescript, HTML, CSS, Angular, .NET 5/6/7, scripting languages, serialisation, SQL.
- Communication methods, RESTful interfaces, gRPC, RabbitMQ.
- Databases e.g., MariaDB, MongoDB.

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

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.