



PRIME FOCUS TECHNOLOGIES

Job Description

Architect/Tech Lead – Video Player & Streaming

Location - Bangalore

About the Company/Business unit:

Prime Focus Technologies (PFT) is the creator of Enterprise Resource Planning (ERP) software, CLEAR™ for the Media & Entertainment (M&E) industry. It offers broadcasters, studios, Direct to Consumer companies, brands and service providers digital transformational solutions. Its flagship SaaS product CLEAR, is an enterprise software, uniquely as Media ERP software helps its clients lower their Total Cost of Operations (TCOP) by automating business processes around content and managing their business of content. PFT's media recognition AI engine, CLEAR Vision Cloud leverages Machine Wisdom technology to deliver high quality data and action toolkits to make AI work for our media customers.

PFT works with major M&E companies like Warner Media, PBS, Disney, Hearst, Channel 4, CBS Television Studios, 20th Century Fox Television Studios, Lionsgate, Starz Media (a Lionsgate company), Showtime, Miramax, Tata Sky, Sony Music, Google, YouTube, Disney+ Hotstar, Amazon, Viacom's Voot, Cricket Australia, BCCI, Indian Premier League and The Associated Press.

CLEAR Media ERP is the most feature rich and extensive media supply chain orchestration platform and is poised to disrupt the media industry with a set of new, timely, COVID appropriate and pioneering packaged solutions. In addition, PFT's media recognition AI engine, CLEAR Vision Cloud leverages Machine Wisdom technology to deliver high quality data and action toolkits to make AI work for our media customers.

The Video player and streaming technology is an extremely critical part of the CLEAR product. The Architect/Tech Lead – Video Player & Streaming role owns the overall architecture (technical, deployment and security), software packages and code assets for this module.

Job Responsibilities:

- Derive functional/technical requirements from the BRD
- Provide architecture, design and code development for complex requirements
- Drive R&D initiatives, POCs and technology evaluations
- Conduct design and code reviews
- Participate in review of system test cases with Engineering teams
- Conduct profiling, benchmarking and performance tuning activities
- Identify process inefficiencies and recommend improvements/automation



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- Define and evangelize best practices for design and coding
- Review/participate in resolution of complex production issues (with support/L3 teams)
- Review/participate in resolution of performance issues (with support/L3 teams)
- Participate in solutioning of customer requirements

Desired Qualifications and Experience:

- BE/Btech/ME/Mtech – in Comp Sc. or equivalent from a reputed institute
- Good acads – 70% or above from +2 and above
- 7-9 years' industry experience – preferably in software product companies
- Must have good problem solving skills
- Must have excellent design, coding and refactoring skills
- Must have good communication and presentation skills
- Must be aware of latest software development, tech trends and best practices
- Must be passionate about technologies, products and domains
- Should be a lateral thinker; who provides simple innovative solutions to complex problems
- Should be able to participate in multiple projects simultaneously
- Must have experience in large scale web applications
- Familiarity with SaaS product constructs and cloud technology concepts
- Expertise in some or all of the following technologies:
 - HTTP Live Streaming (HLS), DASH, RTMP, RTSP, etc
 - Hands on knowledge of media codecs, formats, transports and container protocols, such as MPEG-2, H.264/AVC, AAC, AC3, MP4, TS, WebRTC
 - Experience in developing audio/video streaming servers or clients/players
 - Familiarity with CDN architectures (caches, origin servers, proxies, etc)
 - Media streaming servers/technologies – HLS, MPEG-DASH, VOD
 - Working Knowledge on media Streaming servers like Kaltura, Wowza, or equivalent
 - Working Knowledge on Cloud Technologies like S3, Net Storage, CloudFront etc
 - Working Knowledge on Video Transcoding using tools like ffmpeg, Elemental etc...
 - .net/Java
 - Java script
 - Working Knowledge on MS SQL Server, MySQL, NOSQL (any persistence tech)