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| Job Code: JC\_ENG\_012 | Job Title: Principal Engineer, Development – Multimedia |
| Function: Engineering | Location: Bangalore |

**About Altiux Innovations**

Altiux Innovations is an early-stage Bangalore-based end-to-end Product engineering, OPD and Innovation services company for Industrial, Telecom, Mobile & Wireless, Consumer Electronics and Healthcare verticals. We specialize in building next-gen products, solutions, platforms and IP in emerging technology areas including M2M, Analytics, Smart Devices & Cloud Media, Mobile Apps and UI/UX Design. We aid large MNCs as well as start-ups in joint IP development, proto-typing, New Product Introduction, concept development, art-to-part, validation, cost-out, product re-engineering and emerging market focused solutions.

Altiux is founded in 2013 by senior leaders with several decades of experience in product engineering for Fortune 100 MNCs and startups. Altiux is funded by BitChemy Ventures, technology incubation arm of a $1B group with presence across 10 countries and 8 industry sectors.

**Role Brief**

We are looking for a seasoned engineering talent to be a part of the core engineering team for the company. Role offers opportunity to be a key part of a challenging, fast-paced environment and be the SME (Subject Matter Expert) and shape the technology roadmap in our high-growth, knowledge-driven, young organization.

**Responsibilities**

* Should conceptualize and design the entire multimedia chain for in-house IP related and customer projects including concepts like “connected home”.
* Recognized as the 'Goto' expert in his/her domain within the organization
* Aid engineering managers in estimation and planning of projects
* Assist engineering leadership in hiring and interviewing top talent
* Steer Scrum reviews and stand-up meetings
* Mentor junior staff, conduct design/code/test reviews
* Work closely with Engineering and Sales teams in putting together customer proposals and technical presentations
* Contribute strongly to IP portfolio of the company in the form of patent disclosures, whitepapers, blogs

**Requirements**

* 8+ years of experience in design and development of embedded multimedia systems.
* Experience in audio & video codec implementation/optimization and system level optimization.
* Should have worked on platforms based on ARM, Intel and on DSP cores. Should have experience on the latest processors like TI Cortex or Freescale iMX series and have understanding of the hardware acceleration features and their utilization.
* Should have sound knowledge of Inter-Process Communication methods within SoC architecture and with peripherals.
* Experience in working on multimedia frameworks on Linux, Android & iOS (GStreamer, StageFright , AV Foundation )
* Experience in streaming protocols like RTP, RTSP, RTMP, Smooth Streaming, HLS
* Knowledge of hardware specifications for multimedia delivery like I2C, I2S, HDMI
* Experience with DLNA is preferred.
* Good programming skills in C, C++
* Aware of the latest trends in industry
* Masters or Bachelor’s Degree in Computer Science, Electronics, Communication or Electrical Engineering