

Think Silicon is one of the few companies worldwide that have the expertise to develop ultra-low power, high-performance graphic IP technology for mobile/embedded devices. The company is seeking for enthusiastic engineers to join our team and accelerate the development of the next generation of heterogeneous, multicore GPUs targeting the Wearable and IoT market.

## Software Architect

### Job Description

As a software architect in Think Silicon, you will be requested to design, develop, and debug complex graphic API libraries with increased responsibility for leadership and direction of others. You will work on our development platforms and cooperate closely with our IC and low-level software engineers. Collaboration with customers to reach successful completion of products including demonstrations, documentation, and delivery is essential.

### Required Skills:

- Strong foundation and discipline in software engineering processes
- Proven ability in building and delivering large-scale software packages
- Excellent Linux development skills in commercial environments
- Excellent C/C++ programming skills
- Background in low level kernel driver development or in embedded system architectures
- Proficiency in one or more scripting languages (e.g. Python, Perl, bash scripting)
- Good understanding of CPU/GPU SW architecture and programming models
- Experience in writing software requirements, design specifications, and task effort estimation.
- 8+ years' experience

### Preferred Skills:

- Deep understanding of 3D graphics pipeline
- Experience in OpenGL or in other graphics/image/vision APIs or standards
- Experience in OpenCL or in CUDA
- Mathematical background with experience in graphics/image algorithms will be highly appreciated
- Demonstrated ability in establishing practices and procedures, to achieve overall project performance, schedule, and quality standards

### Think Silicon offers:

- Competitive salary
- Flexible work environment
- Space for your own creativity & ideas
- The opportunity to create world-class technology
- Exposure to international customer projects & standard bodies

### Location:

The candidate will work in our offices in Patras or Athens, Greece.

### Contact:

If you feel that you want to contribute to our company, you are welcomed to send your CV to [careers@think-silicon.com](mailto:careers@think-silicon.com) (Reference number: **SWAr0x916**)

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