



Hardware Subsystem Concept Engineer (all gender)

Munich

Reference Number: REF200910

#weareALTEN - the home of forward thinkers

We are the designers of today for the world of tomorrow.

As one of the world's leading engineering service providers, we at ALTEN are committed to positively shaping the future of our partners, the careers of our employees and the challenges facing our society and environment.

More than 50,000 employees in 30 countries are already working on innovative solutions in various engineering and IT sectors such as aerospace, renewable energy, medical technology, railway technology and automotive.

Make it happen

YOU...

- take technical ownership of a hardware subsystem within the PSoC SPM project
- define and maintain subsystem architecture, connectivity concepts and digital micro?architecture
- coordinate closely with internal IP suppliers to ensure seamless integration of all IP blocks
- develop product?specific connectivity and drive subsystem integration activities
- create and maintain Hardware Architecture (HWA) concept documents, subsystem architecture documentation and connectivity concepts
- plan and track engineering activities in JIRA and keep work packages updated weekly
- automate subsystem configuration and connectivity workflows using Python and Tcl
- analyze requirements, participate in technical reviews and contribute to architectural discussions
- support junior engineers and collaborate continuously with project stakeholders
- deliver technical reports, review documentation and additional project?specific engineering work products

Be our forward thinker

YOU...

- have successfully completed studies in Electrical Engineering, Physics or a comparable field
- have a strong background in digital hardware design and experience in SoC / ASIC development
- bring expertise in hardware subsystem development, micro?architecture definition and IP integration
- understand microcontroller architecture, SoC architecture, IP?based design methodologies and system engineering
- work confidently with hardware requirements and connectivity concepts
- master Python and Tcl and ideally have experience with Perl or Bash
- are familiar with tools such as JIRA, Confluence, E2P, Prisma, IFX ATV MC Tool Suite, and version control tools like Git/SVN/Perforce
- ideally have experience in automotive semiconductor development or TSMC environments
- work in a structured, independent and communicative manner within a technical stakeholder environment
- document thoroughly, follow processes and deliver traceability?compliant engineering work products
- communicate confidently in English (German is beneficial)

We value diversity and therefore welcome all applications - regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age and sexual orientation and identity.

Severely disabled persons will be given preferential consideration if they are equally qualified.

Apply now using our online application form.

A home where people learn and thrive

- **Talent Management** - we develop your career
- **Work life balance** - flexible working hours and mobile working possible
- **Fit and relaxed** – with EGYM Wellpass
- **Enjoy biking** – always on tour with bike leasing
- **Green Mobility** – with us you can travel at a reduced rate

...in addition we offer a permanent employment contract, corporate benefits and team events.

Your contact person

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