



FPGA Development Engineer (m/f/d) **– location Taufkirchen**

We are looking for a FPGA Development Engineer (m/f/d) for our renowned customer from the aerospace industry starting IMMEDIATELY or as soon as possible at the Taufkirchen location on a full-time basis.

Job description:

The jobholder (f/m/d) works as a FPGA (Field Programmable Gate Array) Development Engineer and the main tasks are as follows:

- analysis of requirement specifications and generation of architectural concepts of processor and FPGA functions, Hardware Software partitioning for System-on-Chip components
- VHDL Detailed Design for Xilinx and Microsemi FPGAs and analysis of the designed components in regard to the appropriate VHDL guidelines and with use of the respective tools and checklists
- develop software for system-on-Chip processors
- develop and simulate algorithms as part of the SoC designs using Matlab and transfer function from Matlab model into VHDL
- simulation of the designed VHDL components using Mentor Questa Tool environment
- synthesis, Place and route to generate the FPGA programming file
- generation of the technical documentation
- support of hardware commissioning tests of the FPGA

Your profile:

- You have studied electrical engineering or any similar education
- You have professional experience in electrical engineering
- You possess good knowledge in Matlab and VHDL
- You have experience in partitioning of HW/SW functions into FPGA or SoC Architecture
- You have good knowledge in MS-Office; programming skills in C/C++ are an advantage
- Your language skills in English are business fluent and you have good basics in German
- You are a self-reliant personality and you work independently and self-motivated in an international team
- You are an excellent team player with good communication skills and with a systematic way of working

You are interested and you feel addressed by this position?

Then do not hesitate to send us your complete application documents, stating your salary expectations and your possible start date to the following email address:

c.riepold@fabplus.de

Alternatively, you can also send us your application folder by post:

fabplus GmbH
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We look forward to receiving your detailed application.

In case of any further questions please contact Mrs. Riepold (Tel.: +49 (0)159 – 04 28 68 15).