



Senior Digital Designer (m/f/d)

Thrilled to work on high-end digital design? As Senior Digital Designer in our deep-tech Start Up you develop micro-architectures from high level specifications and you will work on the Block and system level RTL coding for a game-changing AI edge solution.

Your role

Your role will mainly include the following:

- Develop and document micro-architectures from high level specifications
- Block and system-level RTL coding
- Integrate various IPs/Sub IPs to top level SoC
- Perform static checks to enhance quality of the RTL (lint, cdc, equivalence checks)
- Automate tasks using scripting for efficiency
- Working closely with the verification team to define test plan, run regressions, reproduce, and debug functional and performance bugs.
- Perform preliminary design synthesis to identify and fix timing issues for the Physical Design team

Your profile

- M.Sc/PhD. in Computer Science/ Computer Engineering /Electrical Engineering
- 5+ years of experience in Digital Design
- Strong experience in digital design, SoC, integration 3th party IPs (PCIe, LPDDR)
- Fluent in Verilog
- Experience in RTL Design & RTL simulation & Technical document writing
- Knowledge of ASIC Synthesis
- Experience in FPGA Implementation is an advantage
- Ability to follow a design flow (RTL, testbench, code coverage, synthesis, formal verification, gate level simulation)
- Good oral and written communication skills
- Fluency in English, both in speaking and writing is a must
- You are a team player and you are also able to autonomously plan and perform research tasks
- You have a strong sense of responsibility and want to realize high ambitions



Who we are

Axelera AI is a truly European deep-tech Start Up company which is developing a game-changing hardware and software platform for AI at the edge that will make the industry more integrated, efficient and accessible. Our mission is to spread artificial intelligence for a green, fair, trusted and safe world enabling new application of AI in diverse sectors like smart cities, retail and other markets. Our company is a spin-off from a multinational deep-tech group and is backed by a strong syndicate of institutional investors. We have an extraordinary and international team of top talented researchers and developers working in the headquarter in Eindhoven (NL) and in the branch offices in Leuven (BE), Zurich (CH) and Pisa (IT).


What we offer

Take the chance to become part of a dynamic, fast-growing, international organization. We offer an attractive compensation package, including a pension plan, extensive employee insurances and the option to get company shares.

An open culture that not only supports creativity and continual innovation is awaiting you. Collaborative ownership and freedom with responsibility is characteristic for the way we act and work as a team.

Interested?

Great! We are looking forward to receiving your application! For any further questions or information, please feel free to contact Heike Wilfling, HR Business Partner, careers@axelera.ai. For further information on Axelera AI please also have a look on our website: www.axelera.ai

Do you want to stay informed about our journey and our current vacancies?  [Follow us on LinkedIn](#)