

SOFTWARE ARCHITECT

Alcyon Photonics team is growing. We are looking for a **Photonics Engineer**. The candidate will work on developing pilot projects in the field of integrated photonic circuits in collaboration with commercial partners.

Job Description

- Software:
 - Lead the plan and development of Alcyon's software infrastructure, to support the development of comms, computing and sensor applications.
 - Engage with the team on the definition of the tools and processes that will support Alcyon's roadmap
 - Champion innovation in processes and product delivery
 - Create efficient internal process flows to support the creation and management of photonic designs and technical data, i.e. a photonic design framework where proprietary tools, design CADs, databases and commercial tools converge
 - Collaborate with the team to make available tools along with technical documentation to end customers
- Project: Collaborate in the planning of R&D proposals and customer pilots
- Interfacing: Customer | Software Providers

Requirements

- Experienced Software Engineer or Software Developer able to work independently (3+ years).
- DevOps methodology for incremental development and rapid delivery of software.
- Knowledge of integration and development environments. Able to develop, deploy and maintain API-rest (Python/FastAPI).
- Experience in software development in Python, as the main language for our developments
 - Ability to develop interactive data visualization tools.
 - Ability to document requirements and specifications.
- Basic knowledge of development and maintaining databases (NoSQL and SQL).
- Flexibility and motivation to learn in new areas (ML, AI...) if necessary will be valued
- BSc degree in Computer Science, Engineering, or a relevant field
- Professional English proficient
- Skilled project management tools experience
- Relationship builder and data-driven
- Team ethos, problem solver and effective communicator

Work Environment

- Product-oriented work model
- Hybrid / Full remote possible
- Full-time
- Permanent contract
- Professional development opportunities
 - International R&D Projects involvement
- Impact project that connects research and industry in a highly growing sector

Diverse Workforce

We are an equal-opportunity employer that recognizes the value of a diverse workforce. All qualified individuals will receive consideration for employment without regard to race, color, age, sex, sexual orientation, gender identity, religion, national origin, disability, genetic information, or any other criteria...

Application

Send a resume and a cover letter describing your skills and relevant projects you have participated in, as well as your role. info@alcyonphotonics.com

About Alcyon

Alcyon Photonics aims to accelerate the transition from electronics to photonics by translating unique scientific knowledge into commercial technology. Alcyon brings down the barriers that hamper massive photonics adoption, from its unique design of photonics circuits to its platform strategy.

Alcyon Photonics' library of photonics designs brings comprehensive support to the design of photonics applications requiring increased capacity for data transmission and minimal information loss in the fields of communication, sensing or data comm, among others. Alcyon Photonics partners with customers to provide wide bandwidth and polarization management to photonics solutions such as transceivers, FBG or OTDR.

Alcyon Photonics project has been granted the EIC Accelerator by the European Commission to develop and scale up its game-changing innovations.

www.alcyonphotonics.com

<https://www.linkedin.com/company/alcyonphotonics/>

https://eic.ec.europa.eu/news/most-competitive-eic-accelerator-cut-awards-major-funding-round-74-europes-high-potential-start-ups-2022-06-07_en