



Smart Energy LAB Backend Developer

If you want to be part of the new decade on energy revolution, at Smart Energy LAB you will have the opportunity to have a real impact by creating new products and services that will contribute to energy transition, focusing on the 3Ds (Decarbonization, Decentralization and Digitalization).

Smart Energy LAB is a Collaborative Laboratory (CoLAB) held by EDP Comercial, Accenture, Instituto Superior Técnico, Faculty of Sciences of Lisbon, University of Coimbra, INESCTEC and INESC ID.

Smart Energy Lab has a unique combination of science, technology and industry in the energy sector, focused on creating new products and services for the downstream of the energy value chain.

“We are a green dream factory that will make tomorrow possible, improving life for everyone with new energy solutions through smart collaboration.”

In order to create the future, we are looking for a **Backend Developer**.

Responsibilities

- Write efficient and optimized codes libraries
- Build new scalable micro-service applications
- Maintain existing web applications
- Build secure REST API endpoints
- Perform code unit testing, system troubleshooting and debugging
- Deploy application and manage production environment
- Collaborate with other team members to develop and improve applications with excellent usability
- Work in an agile cross-functional team with other team members for brainstorming, troubleshooting, and process improvement
- Mentor other team members through pair programming, code reviews, and ad-hoc assistance

Requirements

- Innovative mindset
- Strong alignment with our mission
- Focus on measuring and achieving positive impact on end-users, customers and the planet
- Conversant and up to date with emerging backend and other web technologies
- Desire to work in a respectful, transparent, and collaborative work environment
- Fluent written and spoken English
- “You build it, you run it” mindset
- 3+ years hands-on experience with building web applications using Python
- 2+ years hands-on experience with Django framework
- Core knowledge and experience with REST API frameworks
- Good knowledge and experience with writing multi-core and multi-threading applications
- Good knowledge and experience with message brokers, RabbitMQ and/or Redis
- Good knowledge and experience with writing Python unit test
- Experience with Memcached
- Knowledge of Flask framework is an added advantage
- Experience with Linux server administration, application deployment and production environment management is an added advantage

Location: Lisbon, Portugal