



## Senior Software Engineer & Future Dev Lead (Embedded & Backend)

[V2G Clarity](#) aims to support the thriving e-mobility industry through educational material, consultancy services, and software based on standardized and future-proof technology, to lower the barrier to entry for all stakeholders. We are expanding our team and seeking bright, dedicated, and inspiring thinkers with a can-do attitude who are passionate about e-mobility, to join us on our journey.

You'll work directly with the founder in our newly established headquarters in London, at [TechHub](#), an innovative and diverse community for entrepreneurs and startups, near Silicon Roundabout. This newly created role will give you exposure to cross-functional teams, a chance to take ownership and lead in a fast-growing and agile team, to overcome the technical challenges we are facing in this emerging industry. It will be a unique opportunity to shape the foundations of our new SaaS products and make a global impact through your work. If you're the type of person who enjoys learning, sharing knowledge, with a thirst for creating (and explaining) technical concepts, we want to hear from you.

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Responsibilities:

- Write modular and maintainable Python code for both resource-limited platforms (embedded Linux with e.g. ARM processors) and a server platform running in the cloud
- Implement the [OCPP 2.0.1](#) protocol and its successor versions (Python)
- Implement the [ISO 15118](#) protocol suite (Python, open-source)
- Implement roaming protocols like [OCPI](#) and [OICP](#) (Python)
- Work closely with our frontend software engineer(s) and UX/UI designer
- Collaborate with the hardware development team from a partnering company that develops charging communication controllers and charging stations

Required skills:

- 5+ years' experience in programming with Python 3 (experience in at least another language like Java is a bonus)
- 5+ years' experience working with Django and PostgreSQL
- 2+ years' experience in programming for resource-limited platforms (embedded Linux)
- A strong focus on writing quality code that is:
  - Crafted to be simple to understand, maintain, and change
  - Reliable and performant, i.e. well tested across different devices/browsers
  - Self-explanatory where possible, well-documented where needed
- Build CI/CD pipelines with GitLab to establish and guarantee high SLAs for a product suite that runs reliably 24/7
- Proven track record of leading a team of software engineers
- Good knowledge of cloud stack technologies (e.g. AWS, Azure, Google Cloud)
- Experience working with and designing RESTful APIs and message brokers

Find out more about our mission and values in our newly revamped [About page](#) and, if you think you're a fit for any of these opportunities, shoot me an email at [marc.mueltin@v2g-clarity.com](mailto:marc.mueltin@v2g-clarity.com) with your resume and a cover letter.