Vehicle Service Applications Engineer

Service Procedures and Vehicle Data · Series A Team · AUX-ENG-SA-06

Reference	AUX-ENG-SA-06	**Level**	Mid to senior, 6+ years
Reports to	Dr. Mamdouh Yanni, Founder and CTO	**Location**	On site in Dubai, at the first service bay and the pilot workshops
Employment	Full time, UAE employment contract	**Start**	From our Series A round

About Auxionetics

Auxionetics Artificial Intelligence L.L.C S.O.C is an IP-led robotics company in Dubai. Our patent-pending technology aims to let people and robots work safely side by side, and its first use will be the Smart Robot Mechanic: a car-service bay in which two collaborative arms will take on the repetitive, physically demanding work while a skilled technician stays in charge of every job. Six US patent applications and an international (PCT) application have been filed. We will run our own workshops in Dubai and license our Human-Robot Collaboration platform once it runs reliably in daily operation.

Why this role matters

A robot can only service a car correctly if it knows that car: where the drain plug is, what torque it needs, which filter fits and what can go wrong. You will be our automotive expert inside engineering, turning manufacturers' service procedures into robot-ready tasks and building the vehicle data our bays depend on.

What you will own

- **Service procedures.** Translate manufacturers' oil, filter and tire procedures into step-by-step robot tasks with limits and checks.
- **Vehicle data.** Build and maintain the vehicle database: service points, fasteners, torques, fluids, filters and lift points, model by model.
- **Coverage.** Prioritize the vehicle models most common in the UAE and track the share of cars the bay can serve.
- **Exceptions.** Define what the bay must refuse or hand to a technician: damage, non-standard parts, leaks or unsafe conditions.
- **Quality.** Set the quality checks and sign-off criteria for every service, with Operations.
- **Field feedback.** Learn from every job in our workshops and update procedures and data.

Minimum qualifications

- A degree or diploma in automotive or mechanical engineering.
- 6+ years in automotive service engineering, technical training or dealer service, across several manufacturers.
- Fluent use of manufacturer service information and torque specifications.
- Strong data discipline (structured databases or spreadsheets) and clear written English.

Preferred qualifications

- Experience in the UAE or GCC aftermarket.
- EV and ADAS service knowledge.

- Manufacturer technical certifications.
- Arabic.

Your first year

By	What success looks like
3 months	Vehicle models served by the pilot workshops reviewed; gaps in procedures and data identified.
6 months	Procedures for the next priority models validated on test vehicles; exception rules agreed.
12 months	Vehicle database covering the models served across the network, updated from real jobs.

How we work

- Safety by design. The bay will be engineered to ISO 10218-1/-2:2025 from day one; all work near robotic equipment follows a documented risk assessment and safety induction.
- **Measured, not claimed.** Targets are measured on real vehicles; simulation before hardware, review before merge.
- **Planned tools:** Manufacturer service portals, structured vehicle database, test records.

What we offer

- An early role in a company set to scale its robotic workshops, working closely with a founder who has almost 30 years of engineering experience, including 12 in Silicon Valley.
- A competitive salary; company-paid visa, work permit and health insurance; annual leave and end-of-service gratuity under UAE law.

Conditions. Every offer is conditional on the close of our Series A round, satisfactory checks, a UAE work permit, and an agreement assigning to the company the IP created in employment.

> **How to apply.** Email your CV and a short note on your automotive service background to careers@auxionetics.com, quoting AUX-ENG-SA-06. Shortlisted candidates will have a technical interview and a practical service-procedure exercise with Dr. Mamdouh Yanni. CVs are used only for recruitment and deleted within 12 months unless the candidate joins us. **Auxionetics is an equal-opportunity employer** and selects on merit alone.