

TECHNICAL PROJECT MANAGER – AUTOMOTIVE ENERGY MANAGEMENT

Embotech is a software company developing cutting edge optimization technology for vehicles and vehicles' fleets. We are determined to accelerate the transition towards efficient transportation by leveraging the core real-time optimization technology that we have been developing since 2012.

Our team is comprised of highly skilled employees with a passion for excellence and efficiency. We are looking for motivated engineers to help us solve one of the most complex challenges of tomorrow and take our company to the next level.

As a technical project manager, you will lead a team of top technical talent dedicated to the development of various vehicle- and fleet-level energy management solutions. You will take a leading role in several projects with key accounts and carry them out from inception to implementation. This will include scoping the project plan based on customer requirements, coordinating, and designing new algorithmic solutions that meet given specifications, and ensuring successful implementation and/or roll-out, depending on the project and timeline.

Responsibilities

- Conception, design, and development of vehicle- and fleet-level energy management solutions
- Performing evaluations with clients to understand the unique goals, specifications and requirements of each project
- Managing existing and future customer projects within allocated time and budget
- Definition of software requirements, test specifications, design documentation and implementation
- Ensuring highest quality standards during the entire product/solution life cycle
- Coordination of development efforts with other members of the software development team in an agile manner
- Working with sales on targeting potential new customers

Necessary requirements

- University degree (MSc or PhD) in electrical engineering, computer science, mathematics or similar - FH / Uni / ETH or equivalent
- Sound knowledge of optimization algorithms
- Hands-on experience in Python or Matlab/Simulink in an industrial setup
- Demonstrated experience in managing and leading projects from inception to delivery
- Excellent communication skills in English
- Ability to adapt to rapidly changing tasks and requirements

As a plus:

- Experience in software product development
- Familiarity with model predictive control
- Track record in automotive/energy industry

Preferred starting date for this position: ASAP