

Head of Software Development

agRE.tech pioneers the future Agri-Photovoltaics (APV) farm, introducing the A²PV a state-of-the-art Operating System Infrastructure that integrates cutting-edge AI, robotics, manipulators, sensors, and controlled PV panels. This unique technology maximizes energy production and boosts crop yields while reducing high labor costs. The A²PV System handles a wide range of tasks, including solar panel maintenance, monitoring, and cleaning, as well as dynamic data collection, selective spraying, pruning, harvesting, and more. We have ambitions to create a sustainable solution that will address the global issues of growth of demands for food, shortage of working hands and global warming.

We are HIRING, at our Zemach offices.

If you are a highly skilled motivated manager and a climattech/agtech enthusiast, we want you with us!

For more info / to apply – please contact us at yaniv@agre.tech

What will you do?

- Build the next generation of Autonomous Robotics in solar-agriculture!
- Define the team's structure, roles, and responsibilities.
- Manage the team's workload and assign tasks based on priorities and expertise.
- Collaborate with external contractors or vendors, ensuring seamless integration with the team.
- Participate in hands-on coding, design, and development activities.
- Conduct code reviews and provide technical guidance to the team.
- Identify and resolve technical challenges or roadblocks faced by the team.
- Foster a positive and productive team culture, encouraging collaboration and continuous learning.
- Stay up-to-date with emerging technologies and industry trends.

Job Requirements:

- Proven leadership and team-building skills - you'll build it from scratch.
- Strong technical background in software engineering, data science (advantage to multidisciplinary background)
- Proven design skills - defining and documenting SW requirements.
- Familiarity with the company's products, services, and technology stack such as:
 - Python and familiarity with its popular libraries and frameworks.
Experience with other programming languages or frameworks – advantage.
 - Linux operating systems and hardware integration.
- Ability to work collaboratively with cross-functional teams and external contractors.
- Hands-on experience with the development lifecycle, including coding, testing, and deployment.
- Experience with microservices architecture.
- Experience with the following: Git, Docker, databases, communication protocols, GPS, sensors.

Personality Traits:

- Hot pepper, engaged, highly motivated with growth mindset.
- Self-learner, with a passion for new technologies.
- Strong problem-solving abilities and an innovative mindset.
- Excellent communication and interpersonal skills.
- Collaborative team player.
- Committed to hard work and adaptability, driving success in a fast-paced startup environment.

Qualifications:

- B.Sc. / M.Sc. in Computer Engineering.
- experience for 10+ years.
- Managerial experience of 3+ years.