



Senior Developer

AUCKLAND

Job Description

Date	Thursday 11 March 2021
Position Title	Senior Developer
Position Reports To	Technical Lead
Position Supervises (direct report role titles)	None
Key Customers (internal/external)	Internal functional teams

PURPOSE OF POSITION

To function as an integral part of a dynamic and agile team that is developing solutions using AI and machine vision to revolutionise industrial processes. In this context you are responsible for developing software, infrastructure, and related materials for the implementation of the company's services across industrial and manufacturing clients globally. You will be part of a cross-functional team that's responsible for the full software development life cycle, from concept to deployment.

ROLES AND RESPONSIBILITIES

- Designing and implementing software fit for purpose to meet customer needs and internal processes
- Write elegant and efficient code
- Write test suites for all production software to document functionality, your code, decision making, and to ensure code quality
- Manage cloud and edge infrastructure
- Manage deep learning pipelines



- Automate operations, development and business processes
- Share knowledge and expertise with the team
- Other services as may reasonably be required and agreed from time to time

SKILLS, QUALIFICATIONS, EXPERIENCE

Work Experience	Experience designing, developing, delivering, and operating machine vision and deep learning-based software and toolchains
Role Specific Skills, Experience, Qualifications	<ul style="list-style-type: none"> • Top-level software development skills in Python and Typescript • Well experienced in test-driven-development • Solid understanding of deep learning-based AI model development and machine vision • Strong experience with DevOps practices, containerization, cloud-based infrastructure and services (AWS), infrastructure-as-code (Puppet), Linux (Ubuntu), and software delivery pipelines • Good communications and interpersonal skills – a team player

COMPETENCIES

Open minded learner	Open to new technologies, concepts, and ideas. Voraciously keen to try new things and expand his/her skillset.
Software architecture and delivery	Well versed in DevOps best practice and can apply that to large scale software projects.
Autonomy	Able to self-manage and perform remotely.
Communication	Ability to work within a team, robustly discuss ideas, and communicate with other developers and management.
Technology Awareness	Up to date and constantly staying abreast of changes, trends, and advances in software development.