



Leading the way to greener and smarter mobility, worldwide

Alstom's mission is to support the transition towards decarbonized mobility thanks to innovative solutions. Alstom is the market leader in rail mobility with an extended portfolio of sustainable solutions including hydrogen and battery trains for non-electrified lines, energy recovery and storage solutions and smart autonomous trains. Join a truly global community of more than 75.000 people committed to taking up the mobility challenges with a sustainable local impact, worldwide.

SOFTWARE ENGINEER

By joining a multidisciplinary, multicultural and international team, your role as Software Engineer will be to:

- Take part to the development of software specifications and architectures based on the needs expressed by rail experts.
- Develop and maintain software components (detailed designs, coding and tests)
- Perform integration and functional tests of these components in the final products via physical and digital test platforms
- Contribute to the continuous improvement of our processes, methods and working tools
- Take an interest in technological developments in the field and in the profession

QUALIFICATIONS & SKILLS

Education – Master or Engineering Degree (BAC +5) in Electronics, Computer Science, Telecom, Automation, Electricity, Robotics, Mechatronics or in another similar technical specialty is mandatory

Experience

- A strong experience In embedded software programming is mandatory
- Knowledge of railways signaling systems, automotive, spatial, avionics are an asset.
- Background in Test & Integration activities is an asset.

Methodologies & tools

- Programming languages: C, C++, Ada
- Versioning tool: Git, SVN, (Clearcase)
- IDE : GPS/GNAT for Ada, VisualStudio for C/C++
- Development methodologies: V Cycle, Agile is an asset
- Continuous integration : Jenkins, GitLab

Language - Good oral and written communication skills in French and English.

An agile, inclusive and responsible culture is the foundation of our company where diverse people are offered excellent opportunities to grow, learn and advance in their careers. We are committed to encouraging our employees to reach their full potential, while valuing and respecting them as individuals.