

Company : Jaguar Land Rover India Limited
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Nature Of Business : Engineering

Designation : GRADUATE SOFTWARE ENGINEER TRAINEE (GSET)

Tentative Job Location : Bangalore

Software is at the heart of some of the most complex electrical/electronic engineering we do. In the world of software design and development, a Graduate Software Engineer Trainee (GSET) plays a key role. Our software engineering graduate rotation program has been designed to be just as inspiring as the cars you'll help produce. The program is an accelerated program for engineers to develop a broad exposure as well as depth in software engineering through innovative projects, intense technical & leadership trainings and mentorships.

You will rotate through different disciplines such as System Requirements, Architecture and System Design, Software Development and System Testing. The idea is to provide exposure to all the various software disciplines along the V-model and provide a full view of JLR's world of software.

The engineer will typically plot out the various aspects of the software tasks that will be necessary, usually using design documentation and flowcharts to help illustrate the process. You will be an integral part of shaping JLR's next generation vehicle programs. In this role, you will contribute to the mission of delivering most innovative software solutions. You will be part of the team that drive product strategy and collaborate closely with engineering development and cross-functional teams to define and deliver on the next vehicle programs. Join us in this pioneering area, and it will be your ideas and expertise setting the benchmark for automotive innovation across the globe. Final Placement upon successful completion graduate program shall be based on requirements, performance and individual's aspiration.

GSET role demands dynamic individual who can adapt to constantly changing environment, executing and successfully delivering time constraints embedded automotive software intensive programs. Working closely with numerous cross functional teams, partners and supplier groups is key.

What to expect?

The duration of the rotation is flexible depending upon the business needs and individual interests. The rotation program will be of 2 years. The duration of each rotation will be about 6 to 8 months.

You will rotate through vehicle engineering areas, working with mentors who are at the forefront of their field. JLR believes the best training can be had, when you are working on live programs. You will have an opportunity to make tangible, strategic contributions to the company's success –pretty much right from your day 1.

The graduates will rotate through different departments within vehicle engineering (e.g., System Requirements, Architecture and System Design, Software Development and System Testing). This may include different domains within a department e.g., Infotainment, Autonomous Driving within software development. What we can assure is you will remain intellectually engaged - always!

Who we are looking for:

Our cars are the embodiment of our approach to life. We believe in making every day extraordinary; that life is about feelings, not just figures. We feel the same about the people we hire.

First, you need to be passionate and motivated to contribute to the business growth and on-going success. Beyond that, we value resilience, a sense of responsibility, a willingness to learn, keen problem-solving skills and the ability to work with others.

Our people are amongst the most talented in their field. Working alongside them, you'll play your part in developing advanced products in a company that's committed to building on every aspect of its success. We're looking for individuals who have taken the time to think about who we are and what we're looking for. Our selection process is aimed at showcasing the best of your skills, expertise and personality.

Description :

Key Performance Indicators

- i. Willingness and ability to learn
- ii. Work seamless in teams within and outside JLR (e.g., Software Partners)
- iii. Ability to work independently
- iv. Communication skills
- v. Work discipline

Key Accountabilities and Responsibilities

- i. Collaborate on a cross-discipline team to design, develop, code, test , integrate and debug embedded software in an Agile fashion
 - ii. Learn new skills and apply them on live programs
- ii. Keep current on emerging new technologies to advance our architecture/technologies to support current and forward model vehicle programs
 - iii. Design and execute test cases for unit, function, subsystem testing and acceptance testing
 - iv. Debug software issues in a timely manner
 - v. Benchmark and optimize the performance of new and existing software
 - vi. Adhere to department's quality targets and participate in best practice discussions
- iii. Undertake any other work as directed by line manager as may be requested from time to time

Knowledge, Skills and Experience

Essential:

- i. Bachelor's degree in Computer Science. Electrical, Electronics & Communication Engineering OR related technical field OR equivalent
 - ii. Dual degree students with BTECH in Computer Science. Electrical also welcome
 - iii. Minimum 6.5 CGPA in bachelor's degree
 - iv. Proficient in Object Oriented Programming and excellent in C and C++
 - v. Have a passion for coding and automotive engineering
- ii. Experience working on AI, Machine Learning, Deep Learning is a definite plus

- Desirable:**
i. Ability to deliver presentations and efficiently communicate with both internal and external stakeholders
ii. Knowledge of object oriented design

Information: