What to expect:

Vayve Mobility Pvt Ltd is developing an electric vehicle for urban commuter segment and has an exciting opportunity for a graduate engineer in our automotive electrical/ electronics team. As part of our team, you will be working on vehicle electrical and electronic systems to support the development and launch of global products. A degree in an engineering-related discipline is required, and applicants must have a deep understanding and experience in automotive electronics.

Job description

- Role includes component design, development and releasing as well as validation/testing, including vehicle level testing, supplier management and vehicle launch support.

- You will interface with relevant systems and subsystems stakeholders (internal and external) as well as support the manufacturing during prototype build, compliance testing and production start

- You will be working on the definition and interpretation of requirements, architecture specification, schematic design, PCB testing and firmware development and development of system level tests.

- Perform schematic capture and review, PCB Layout and design review, and electrical BoM release. Create component specification and hardware test specification based on required parameter, performance and cost criteria. Circuit design to meet CE EMI/EMC testing standards

- Develop firmware for the embedded microcontrollers.

What you bring along:

- Should have experience on Digital Circuit Design including logic, 8/16/32 bit microcontrollers/Microprocessors. Should have knowledge of Interfaces like SPI, I2C, USB, UART, Ethernet, CAN etc

- Degree in Electrical/ Electronics Engineering, Mechatronics, Automotive Engineering, Control Engineering or similar Appreciation of the vehicle development cycle and understanding of electrical/ electronics engineering

- Relevant Experience: 3-5 years

- Experience in firmware development for embedded microcontrollers.

- Experience in scripting language like Python.

- Understanding / knowledge of CAN tools would be an advantage

- Understanding System Requirements and Test Cases

- Well versed with ADAS features

- Knowledge of quality management techniques

- Strong communication and teamwork abilities
- Capable of working independently as well as part of large and small teams
- Open minded, flexible can-do attitude
- Motivated, passionate & committed to excellence