

AAMIR KHAN

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MIRAJ-416410
MAHARASHTRA, INDIA

B.E.Electrical
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Electrical Engineer with 1+ years of experience working with KPIT Technology Pune in the Pure Electric Vehicle. Primarily focused on implementation of Electric Vehicle. Excellent interpersonal and communication abilities, and possess a wide range of technical skills. Enjoys being part of a team, as well as managing, motivating a team, and thrives in high pressure and challenging working environments

PROFESSIONAL EXPERIENCE

KPIT TECHNOLOGY PUNE

(Electrical Trainee Engineer in Research & Development Electric Bus Project.)

- Currently working on "VECV" Electric Bus Project Integration and development at INDORE Plant.
- FORCE Motors Electric Traveler Bus Project at PUNE plant.

CORE COMPETENCIES

- Electric Motor Controller Development and Testing.
- ARAI, CIRT Motor Controller and Battery Testing Setup.
- CAN Communication
- Vehicle Wiring Harness layout validation and testing.
- Testing of energy storage, electric machine, inverter, DC/DC, Battery management, etc.
- Battery Technology and associated power electronics.
- BLDC Motor/ Induction Motor based vehicle propulsion system testing.
- Air compressor testing and integration.
- Motor Controller Thermal testing.
- Quality Testing (Motor, Controller, DC-DC Converter, etc.)

ROLES & RESPONSIBILITIES

- Development of all Electrical Vehicle accessories (i.e. Motor Controller, Battery, Charger, DC to Dc Converter, etc.).
- Troubleshoot of all Electrical Vehicle accessories (i.e. Motor Controller, Battery, Charger, DC to Dc Converter, etc.).

- Fault finding make it correct on Electrical Vehicle during road testing.
- Simulation on software (MATLAB, AutoCAD)
- Plan the engineering test and validation for motor and related electronic control for final implementation.
- Handle the Electric Motor Controller operation for product development.
- Resolve Integration and Testing issues on Vehicle.
- Controller development activity to resolve issue.
- Electric Air Compressor controller integration and testing.
- New/Engineering change product development dimensional checking (Layout Inspection) as per drawing.
- Coordinating field test of new products required for electric vehicle.
- Team member for continual improvement.
- Analyze field performance and implement design changes after root cause analysis and validation testing.
- Testing and Validation of motor, controller, wiring harness, etc.
- ECU flashing (boot loader software)
- Vehicle system simulation on MATLAB for performance analysis.

PROFESSIONAL STRENGTH

- Team Player.
- Excellent Communicator.
- Result Oriented.
- Quick Learner.

ACADEMIC CREDENTIALS

- B.E. in Electrical in 2016.
- Diploma in Electrical in 2009.

BEYOND CURRICULUM

- Finalist in KPIT SPARKLE Project Event 2016 ("Hybrid Electric Vehicle")
- Project Event Winner at Vishveshwarya College of Engineering Miraj.
- Active Participant in various co-curricular activities in school and collegiate.

COMPUTER SOFTWARE SKILLS

- Vector Tool, PCAN View, Auto cad, Smart ECU monitor for Electric Bus, Flash Boot loader of ECU, MATLAB, etc.

- Windows 10, Microsoft Office, etc.

INTERESTS

- Travelling new places, shopping, photography, partying and social networking.
- Inquisitive and curious by nature, interest in knowing methodology of working of different things.

PERSONAL DETAILS

- Name : Mr. Aamir Malik Khan.
- Date of Birth : 27th, March, 1989.
- Permanent Address : Plot No.6'A' Jalaram Chowk, Subhashnagar, MIRAJ-416410.
- Marital Status : Single
- Language Proficiency : English, Hindi & Marathi.

CURRICULUM PROJECT

- Project Title Degree : "Hybrid Electric Vehicle using BLDC Motor".
- Project Title Degree : "Street Light Control Using LDR.
- Project Title Diploma : "Over Voltage/ Under Voltage Protection of Electrical Appliances

PAPER PRESENTATIONS (State/National)

1. "Hybrid Vehicle" in "SPARK 08" at KK WAGH Nashik on 31st January 2008.
2. "Hybrid Vehicle" in "EI INDIA" at LESP Sangli on 18th February 2009.
3. "Hybrid Vehicle" in "ENTHUSE 2K12" at RIT Islampur, Sangli on 18th Feb. 2009.
4. "Hybrid Vehicle" in "CREATION 2012" at SBGI Sangli on 14th Sept. 2009.

SEMINARS

- New Trends in Hybrid Vehicle at Latthe Polytechnic, Sangli.
- Innovation in Hybrid Electric Vehicle at Annasaheb Dange college of Engg. Ashta Sangli.

DECLARATION

I consider myself familiar with Electrical Engineering Aspects. I am also confident of my ability to work in a team.

I hereby declare that the information furnished above is true to the best of my knowledge.

Khan
Date: July, 2017
Place: Pune

Aamir