



## CONTACT

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## TECHNICAL SKILLS

White Belt Certification in **Six Sigma**

Knowledge in **5S Methodology**

Knowledge in **MS Office Applications**

Certification in **AUTOCAD**

Certification in **CATIA V5**

Certification in **HVAC**

Certification in **NDT** (RT, UT, MPT, LPT, VT, RTFI)

# ASWIN ANIL

**B-Tech, Mechanical Engineering**

## PROFILE

Insightful Engineer with experience in design and development of systems. Drives success by directing high-producing teams while developing lasting employee rapport. Effective team leader effective at meeting deadlines and ensuring highest standards of organization. Implements methodical and thorough approach to leadership. Demonstrated success building and improving vehicle structures, mechanical components and electrical systems. Articulate, decisive and attentive to efficiently handling design and manufacturing project demands. Evaluates current systems to target and implement opportunities for design enhancement.

## EXPERIENCE

**HYKON INDIA PVT LTD, R&D MECHANICAL ENGINEER TRAINEE – ELECTRIC VEHICLES**

**07/2021 – Present**

- Conducted engineering and detailed experimental tests to collect design data and assist in research work.
- Took part in Production planning which includes Manpower Allocation for timely delivery of vehicles.
- Assisted in Implementing 5S practices on Shop Floor
- Assisted in preparation of Bill Of Materials for uploading in ERP
- Prepared Testing procedures of various parts before and after assembly.
- Assisted in Preparing section wise production procedure of the vehicle.

## AWARDS/APPRECIATION

### Kera Harvester

Best Project:

- ✓ International Coconut Conference And Expo 2019
- ✓ Coir Kerala 2019

Funded by Kerala Financial Corporation for advanced prototype.

### PRO of SAE Collegiate Club

#### Co-ordinator

- ✓ Wheel Care Project
- ✓ Water Filter Project
- ✓ Techletics – Techfest

- Performed validation and testing of engineering models to support adequacy and reformulated models.
- Conducted root cause analysis of vehicle systems to locate and correct problems.

### AMAZON INDIA PVT LTD, QUALITY SPECIALIST

**08/2020 – 06/2021**

- Acted as the first level of support to address resolution, geocode correction maps edits, driver support and static route management in Last Mile along with other operational issues and activities related to transportation process and optimization.
- Followed Standard Operating Procedures (SOPs) to perform manual audits and resolve outliers / exceptions.
- Identify patterns emerging in the audits and contribute to process/program improvements.
- Provide timely response to stakeholders on related tasks as per SOP and SLA.

### KERA HARVESTER PROJECT, RESEARCH ASSOCIATE

**01/2020 – 08/2020**

Worked as R&D Mechanical Engineer in A Kerala government funded short term project for Development of an Advanced Coconut Harvesting robot (unmanned). The initial design was adopted from my final year project Kera Harvester. The fund was issued by Kerala financial corporation.

## EDUCATION

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### Bachelor of Technology | 2019 | Mechanical Engineering

- CGPA: **8.00**
- University: APJ Abdul Kalam Technological University
- College: Christ College of Engineering, Irinjalakuda

### Higher Secondary Education | 2015 | Computer Science

- Percentage Obtained: **82.50%**
- Board of Examination: CBSE
- School: Bharatiya Vidya Bhavan's Vidya Mandir, Kodungallur

## LANGUAGES KNOWN

English  
Hindi  
Malayalam  
Tamil

## DATE OF BIRTH

12/02/1997

## NATIONALITY

INDIAN

## Secondary Education | 2013

- Percentage Obtained: **94%**
- Board of Examination: CBSE
- School: Bharatiya Vidya Bhavan's Vidya Mandir, Kodungallur

## ACADAMIC PROJECTS

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### KERA HARVESTER

Through this final year project, we made a robotic coconut harvesting machine. The remote-controlled machine can climb the coconut tree and cut the coconut and leaves and avoid the risk of human climbing the coconut tree for harvesting. The person who controls the machine can get clear vision of the tree top with help of the camera fixed on the cutting arm of the machine.

### E-MECHANIC

Through this project we intend to incorporate a special type of mechanism in two wheelers that will detect the cause of breakdown and display it in a mobile app connected in accordance with it.

### WHEEL CARE

Acted as a coordinator for the Wheel Care (Wheel Chair Donation) project. Negotiated with external vendors resulting in a 50% cost reduction in the procurement of materials for manufacture of wheelchair. Formulated production plans for timely manufacture of wheel chair.

## SEMINAR

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### HYBRID REFRIGERATION SYSTEMS

Through this a proper study of the benefits of combining Vapour Absorption Refrigeration System with vapour compression refrigeration system was conducted.

## INTERSHIPS ATTENDED

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### KERALA AGRO MACHINERY CORPORATION LTD

5 days Internship program at KAMCO, Athani, Ernakulam, 683585.

A detailed study done on the production of power tillers under the production department of KAMCO.

**COCHIN SHIPYARD LTD**

6 days Internship program at Cochin Shipyard, Perumanoor, Kochi, 682015.

A study done on the manufacturing and maintenance of ships in Cochin Shipyard.

**STEEL AND INDUSTRIAL FORGINGS LTD**

15 days Internship program at Steel and Industrial Forgings Limited, Athani, Thrissur, 680581.

A detailed study done on the entire departments in the company.