

VIKRAM VISOWANATHAN

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Palakkad, Kerala, India 678005

POSITION

Mechanical Engineer

PROFESSIONAL SUMMARY

Results-oriented Mechanical Engineer with several years of experience in diverse engineering roles. Proven expertise in designing and implementing mechanical systems, including HVAC, electrical, and plumbing, gained during tenure as a Junior Engineer at Intelizign and an Associate Trainee Engineer at Seoyon. Adept at problem-solving and analytical skills with a strong foundation. Demonstrated ability to lead teams, ensuring projects are consistently completed on time and within budget. Proficient in CAD software, committed to upholding the highest safety standards, and meticulous attention to detail. Excellent English communication skills make me a valuable asset to any collaborative engineering team.

WORK HISTORY

Junior Engineer | INTELIZIGN LIFECYCLE SERVICES PVT LTD - Bengaluru, Karnataka, India 06/2022 - 05/2023

- Designed and modeled wiring harnesses for trucks using Catia V5 and EZ Wiring, ensuring functionality and safety while adhering to project timelines and quality standards.
- Proficient in CAD software, including Catia V5 and EZ Wiring, for creating detailed CAD drawings and Bill of Materials (BOM), collaborating with senior engineers for precision.
- Expanded technical proficiency with programming languages, including Python and PHP, contributing to your versatility in engineering tasks.
- Gained valuable project management experience, utilizing tools like Microsoft Excel, Office, and Power BI for data analysis and reporting, and actively contributing to successful project outcomes.
- Demonstrated excellent communication and teamwork skills while collaborating with cross-functional teams and prioritizing attention to detail and safety awareness for high-quality project designs.
- Extensive experience in HVAC system design and implementation, contributing to efficient heating, ventilation, and air conditioning solutions for various projects.

Associate Trainee Engineer | SEOYON E-HWA SUMMIT AUTOMOTIVE INDIA PVT LTD - Tamil Nadu, India 06/2021 - 04/2022

- Conducted rigorous quality inspections on automotive paint applications, utilizing precision measurement tools to assess thickness, adhesion, and color consistency to meet industry standards and specifications.
- Collaborated with senior engineers to develop and implement quality control procedures, resulting in a 10% reduction in paint defects and improved production efficiency.
- Assisted in troubleshooting and resolving paintshop equipment malfunctions, minimizing downtime and ensuring a seamless production process.
- Compiled detailed inspection reports and documentation, participated in cross-functional teams to address quality issues, and trained new team members on quality control procedures and safety protocols.
- Supported the development of standard operating procedures (SOPs) and collaborated with suppliers to ensure the timely delivery of high-quality paint and coating materials, maintaining a secure work environment.

EDUCATION

Anna University - Chennai 06/2021
Bachelor of Engineering: Mechanical Engineering

- Grade/Cumulative GPA:** First Class with a CGPA of 7.77
- Research Project:** Mode 1 fracture toughness analysis of phoenix sylvester filler reinforced polymer composites.

MES Higher Secondary School - Palakkad 04/2017
Higher Secondary

- Grade/Cumulative GPA:** First Class with 65%

St. Thomas Higher Secondary School - Palakkad 03/2015
High School

- Grade/Cumulative GPA:** First Class with 76%

SKILLS

Technical Skills:

- Wiring Harness Design (Catia V5, EZ Wiring)
- CAD Software Proficiency (Catia V5, EZ Wiring)
- CAD Drawing Creation
- Bill of Materials (BOM) Management
- Programming Languages: Python , PHP
- HVAC System Design
- Precision Measurement Tools
- Troubleshooting (Paintshop Equipment)
- SOP Development
- Supplier Collaboration

Project Management and Analysis:

- Project Management

- Data Analysis and Reporting (Microsoft Excel, Office, Power BI)

Communication and Teamwork:

- Communication
- Teamwork

Attention to Quality:

- Attention to Detail
- Safety Awareness
- Quality Inspection (Automotive Paint Applications)
- Quality Control Procedures
- Quality Issue Resolution
- Inspection Reports
- Training

LANGUAGES

English

Bilingual or Proficient (C2)

Hindi

Intermediate (B1)

Kannada

Beginner (A1)

Malayalam

Bilingual or Proficient (C2)

Tamil

Intermediate (B1)

DECLARATION

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