

MEKALA DIVYA

QC JUNIOR ENGINEER

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mekaladivya55@gmail.com | [Portfolio](#) | [GitHub](#)

Hyderabad, Telangana

Java Backend Developer with expertise in Java, Spring Boot, Hibernate, and RESTful API development. Proficient in PostgreSQL and MySQL for database management, with hands-on experience in JDBC and ORM frameworks. Strong understanding of object-oriented programming (OOP) principles and skilled in API testing using Postman. Passionate about designing and implementing scalable, efficient, and high-performance backend solutions, with a strong problem-solving mindset and a commitment to continuous learning.

EDUCATION

JB Institute of Engineering and Technology, Hyderabad

2019 - 2023

Bachelor of Technology | EEE | CGPA - 8.7

Narayana Junior College, Hyderabad

2017 - 2019

Telangana Board of Intermediate Education | CGPA - 8.9

Blue Blooms Grammar School, Hyderabad

2016 - 2017

Telangana State Board of Secondary Education | CGPA - 8.3

WORK EXPERIENCE

QC JUNIOR ENGINEER

Dec 2023 - Dec 2024

Axiom Energy Conversion Ltd

- ✓ **Quality Management System (QMS) Trainee:** Supported development and maintenance of QMS documentation to meet IATF16949 standards. Internal Audit Support: Participated in audits, aiding in identification of process improvements and implementation of corrective actions.
- ✓ **In-Process Quality Control (IPQC):** Conducted real-time inspections and testing in EV charger manufacturing to ensure compliance with quality standards and industry regulations.

TECHNICAL SKILLS

Java | Spring Boot | JDBC | RDBMS | Postman | Hibernate | J2EE | HTML | CSS | JavaScript | MySQL | PostgreSQL | Figma | MS Office | C Programming Language | Git | JIRA | Agile | Scrum

PROJECTS

- ✓ **Energy Regeneration System for Electric Vehicles Using DC-DC Converter with Super Capacitor**
-Academic Project
Developed an energy regeneration system for EVs using a DC-DC converter and supercapacitor to optimize braking energy recovery, enhance power management, and extend battery life.
- ✓ **Created Portfolio - [Live Link](#)**
HTML, CSS, JavaScript
Designed and developed a personal portfolio website using HTML, CSS, and JavaScript. Showcased projects, skills, and experiences with an emphasis on responsive design and interactive features to enhance user engagement
- ✓ **Amazon.in cloned web page - [Live link](#)**
HTML, CSS, JavaScript

CERTIFICATIONS

Programming with C and C++ - [Internshala](#)

Java Beginner to Advanced - [Udemy](#)

Web Mobile Applications - [Nirmaan organization](#)

Machine Learning Foundation - [NASSCOM](#)

ACHIVEMENTS & ACTIVITIES

- ✓ Winner, Chess Competition – Annual Day, JBIET, 2023
- ✓ Achieved All India Essay writing Certificate by Shri Ram Chandra Mission and United Nations Information Centre for India & Bhutan (UNIC) in 2016. - [Certificate](#)