MEKALA DIVYA

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Hyderabad, Telangana

Versatile professional with experience as a PHP Developer and Graduate Engineer Trainee in the electrical vehicle manufacturing industry. Skilled in PHP, HTML, CSS, JavaScript, Laravel, SQL, Figma, and PGAdmin. In my previous role, I worked on machine operations, KPI management, and IATF documentation.

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

TECHNICAL SKILLS

PHP | HTML | CSS | JavaScript | MySQL | PgAdmin | Figma | MS Office | C Programming Language | Python (Beginner) | GitHub | Java (intermediate)

WORK EXPERIENCE

PHP Developer   *Oct 2023 - Nov 2023*
Gisfy Pvt. Ltd

➢ Developed and maintained web applications using PHP, HTML, CSS, and JavaScript.
➢ Designed and implemented dynamic web pages with a focus on responsive design.
➢ Utilized Laravel for backend development, building efficient and scalable features.
➢ Managed and optimized databases using SQL and PGAdmin to ensure seamless data integration.
➢ Collaborated with design teams using Figma to ensure user-friendly interfaces and smooth UX/UI experiences.

Graduate Engineer Trainee   *Dec 2023 - Aug 2024*
Axiom Energy Conversion Ltd. *– GET Certificate*

➢ Production operations, including managing JUKI machines, AOI (Automated Optical Inspection), Reflow and printing machines for electrical vehicle battery manufacturing.
➢ Proficient in understanding and verifying components with the Bill of Materials (BOM) for accurate assembly.
➢ Monitored and optimized the soldering process, ensuring reflow temperature profiles met quality standards.

- Updated and tracked key performance indicators (KPIs), including OEE (Overall Equipment Efficiency), and managed plan vs. actual performance analysis.
- Trained staff on standard operating procedures and assisted in completing IATF documentation for quality assurance.
- Knowledgeable in Measurement System Analysis (MSA) attributes for assessing measurement systems accuracy, precision, and stability.
- To Improve production efficiency and ensure adherence to industry standards. Skilled in implementing 6S methodology for workplace organization and efficiency.

PROJECTS

- **Energy Regeneration System for Electric Vehicles Using DC-DC Converter with Super Capacitor** *-Academic Project*

Developed an energy regeneration system for electric vehicles integrating a DC-DC converter with a supercapacitor. The system efficiently harnesses braking energy, enhances power management, and extends battery life by providing rapid energy bursts during acceleration and regenerative braking.

- **Created Portfolio** - *Live Link*

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
- **Created amazon.in cloned web page** - *Live link*

CERTIFICATIONS

- **Certified and trained in programming with C and C++** - *Internshala*
- **Certified in Web Mobile Applications** - *Nirmaan organization*
- **Certified on Java** – *Udemy*
- **Machine Learning Foundation** - *NASSCOM*

SOFT SKILLS

- Good verbal and written English communication skills.
- Ability to work as a Team Player, Contribute and work towards achieving Team goals.
- Ability to follow instructions/Guidelines, utilize initiative and work independently.
- Time Management Skills.
- Self-motivated and Flexible.
- Smart Working. Amongst my greatest skills, have a superior capacity to learn concepts quickly.

ACHIVEMENTS

Achieved All India Essay writing Certificate by Shri Ram Chandra Mission and United Nations Information Centre for India & Bhutan (UNIC) in 2016. - *Certificate*

INTERESTS

Playing Badminton, Playing Chess, Drawing, Basket Ball