



Abhinav Mukwane

Completed Post Graduate Diploma in Advance Computing (PG-DAC)
from C-DAC, Pune

Full Stack Developer

CONTACT DETAILS:

Mobile : 9404087208

E-mail : abhinavmukwane@gmail.com

PERSONAL DETAILS:

Current Location Nagpur

Date of Birth May 08, 1996

Gender Male

Marital Status Single/Unmarried

TECHNICAL SKILLS:

- Java
- J2EE Web
- Spring Boot
- React.js
- Node.js
- JavaScript
- HTML
- CSS
- SQL
- MySQL
- Git
- MongoDB
- Docker
- Agile
- SDLC
- Data Structures and Algorithms
- Full Stack Developer
- Software Development Methodologies

COURSES & CERTIFICATIONS:

- Post Graduate Diploma in Advanced Computing (PG-DAC)
- MS-CIT
- PLC SCADA
- English Typewriting 40 W.P.M.
- Marathi Typewriting 30 W.P.M.

EDUCATION DETAILS:

Post-Graduation

Course Post Graduate Diploma in Advanced Computing (PG-DAC)

University Centre for Development of Advanced Computing (C-DAC)

Year of Passing 2022

Grade 70.25%

Graduation

Course B.E. (Electrical Engineering)

University Rashtrasant Tukadoji Maharaj Nagpur University

Year of Passing 2017

Grade 7.50 CGPA

Diploma

Course Diploma in Electrical Engineering

University Maharashtra State Board of Technical Education (MSBTE)

Year of Passing 2014

Grade 63.41%

Class 10th

Board Maharashtra State Board

Medium English

Year of Passing 2011

Grade 66.00%

LANGUAGES KNOWN:

- Marathi
- Hindi
- English

PROJECTS:

Vehicle Servicing Management System

During PG-DAC we made a project on Vehicle Servicing Management System, it is a web application designed to bridge the gap between vehicle user and garage owner. We used Microservices Architecture using Spring boot, J2EE, MySQL, HTML, CSS, JS and bootstrap for web application development. This web application allows to have complete control over garage online by keeping track of all garage operations by ensuring service quality. Tracking vehicle servicing stages and recording client vehicle history by keeping database for providing proper servicing of vehicle by garage owner. This system provides transparency between vehicle user and garage owner.

Induction Motor Protection from Single Phasing, Overvoltage and Over Temperature

The project is designed to protect an induction motor from single phasing, over voltage and over temperature. Providing a protection system is very important in industries, using lot of motors such that production is not hampered owing to failure of any motor. If any of the phases, out of the 3 phases is missing, if the voltage level gets disturbed and if the temperature of the motor during operation exceeds the threshold value, motor stops immediately to provide safety to the industrial motor.

Exploration Of Sustainable Energy in Resolving Uninterrupted Power Services

In this project we have design and build an electrical circuit to perform automatic switching operation between solar power supply, battery power supply and state electricity board power supply. Here we use relay and micro-controller 8051 for the automatic operation. First relay is connected to the solar and battery where, when the solar energy gets decreased then relay will auto shift to battery. Another relay is connected between the battery and electricity board supply, it will auto switch.

SOCIAL LINKS:

- <https://www.linkedin.com/in/abhinav-mukwane/>
 - <https://abhinav-mukwane.netlify.app>
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WORK EXPERIENCE:

Feb 2021 to Feb 2022

Executive Engineer at Raychem RPG Pvt. Ltd., Pune

Work with development teams and product managers to ideate software solutions for DrishTi App for digital monitoring of production. Design client-side and server-side applications. Build the front-end of applications through appealing visual design. Manage databases and applications. Write effective APIs. Created reports and dashboards using Oracle ERP to analyze procurement performance, inventory levels, and material usage, providing insights for decision-making. Proficiency in using Oracle ERP for procurement, inventory management, and supply chain planning functions. Utilized Oracle ERP to plan and forecast material requirements based on production schedules, sales forecasts, and inventory levels. Utilized Oracle ERP to identify and implement process improvements in material planning, procurement, and inventory management, resulting in increased efficiency and cost savings.

May 2018 to Jul 2019

Graduate Engineer Trainee at Raychem RPG Pvt. Ltd., Pune

Assisted in the planning and scheduling of production activities based on demand forecasts, capacity constraints, and inventory levels. Upload weekly plan in DrishTi App for digital monitoring of jobs manufacturing as per plan. Using Oracle ERP for production planning, scheduling, and reporting functions, including generating work orders and tracking production progress. Utilized Microsoft Excel to create and maintain production reports, including production schedules, inventory levels, and capacity utilization. Collaborated with other departments, including procurement, quality, and engineering, to ensure smooth production operations and timely resolution of issues.
