PRATIKSHA BHALERAO
EMBEDDED SOFTWARE ENGINEER

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SUMMARY

Embedded Software Engineer with 2+ years of experience in Automotive industry. Seeking a challenging role to contribute to innovative projects in the embedded systems industry and drive technological advancements.

SKILLS

- C Programming
- Embedded C
- Python
- HTML
- SQL
- Basic Java
- Micrcontrollers (PIC, ARM)
- Communication Protocols
- Fault Analysis
- Troubleshooting
- Problem Solving
- Decision Making
- Critical thinking
- Attention to detail

WORK EXPERIENCE

Onward Technologies ltd.
Emedded Software Engineer • 2021 - Present

Trained in Embedded Systems
Client - RNTBCI , Chennai
- Diagnosis of After sales global IC Engine
- Analysis of active DTC's and DTC (Diagnosis trouble code) and provide Repair methods
- Improving the synchronization with all stakeholders by cascading weekly dashboard along with project milestone
- Troubleshoot and resolve software defects and issues

PROJECT

ElectronicWings.com
Automatic room light and fan controller with bidirectional visitor counter

- Designed system using Arduino and sensors
- Arduino IDE is used for programming purpose
- Project Url : https://www.electronicwings.com/users/abhila sha/projects/27/automatic-room-light and fan-controller- with-bidirectional-visitor-counter

SOFTWARE

- MPLAB X IDE
- Proteus
- VsCode
- CodeBLOCKS
- MATLAB
- Keil uVision
- MS Office
- DED DFS Tool
- Dspace
- DDT2000

EDUCATION

Bachelor of Science in Electronics and Telecommunication
MIT College of Engineering • 2016–2020

CERTIFICATIONS

PG DIPLOMA in Embedded Systems
BICARD INSTUTUTE, PUNE |Diploma in Embedded System-Embedded C, ARM, PIC, Protocols

DIPLOMA in Java
RS SOFTECH INSTITUTE, PUNE| JAVA course that included logic building in C programming, C++,SQL,OOP concepts, basic and core Java