Abhishek Mahapatro

Firmware UI developer

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SUMMARY

Versatile professional with 2 years of experience in firmware UI design using C and LUA, coupled with application development skills in Python. Proficient in JIRA, JAVA, JDBC, HTML, CSS, and JS, showcasing adaptability across various technologies. Recognized for collaborative teamwork and a consistent track record of on-time project deliveries.

PROFESSIONAL EXPERIENCE

Embedded Software Developer   Jan '22 - Present

ilensys Technologies   Hyderabad

I am working as a Firmware UI developer to design a responsive touch screen display .

- Spearhead the **UI design** and designed a easy to interact touch screen display for controlling the complete freezer network through the display using **C**, **LUA** and **Topway tool**
- Integrating the touch display UI with website for remote control using **HTML**, **CSS**, **JS**
- Developed an application for testing the firmware through **Python** by providing all the features created for the controller
- Troubleshooting the firmware for **bug fixing** and preparing test report and making enhancement in the firmware
- Managing the project task using **Atlassian JIRA** and generating the weekly work report for the projects

EDUCATION

B. Tech - Electronic and Communication Engineering   Jul '18 - Jun '22

ITER, Siksha 'O' Anusandhan Univercity   Bhubaneswar

Grade: 9.5/10.0

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Khallikote Junior college   Jun '13 - May '15

12th   Brahmapur

Grade: 69.66/100.0

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Nettanga Deenabandu Bidyapitha   May '12 - Apr '13

Secondary Education   Bhanjanagar

Grade: 91.16/100.0

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PROJECTS

FILE MANAGEMENT PROTOTYPE   Jun '23 - Jul '23

Simplilearn

A JAVA based file management application to digitize company's product. ⬜ It consists of File operations like file creation, deletion, searching and sorting. ⬜ The functionalities were implemented using concepts like OOPS, conditional statement, exception handling, file handling, array sorting.

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- It consists of File operations like file creation, deletion, searching and sorting.
- Composed of concepts like **OOPS, Conditional statement, Exception handling, File handling, Array sorting.**

ONLINE DATABASE MANAGEMENT   Jul '23 - Aug '23

Simplilearn

A JAVA based online database to manage personal details. Implemented core functionalities like My Sql, core java, OOPS,JDBC, servlet, exception handling, HTML.

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- Implemented core functionalities like **My Sql, Core java, OOPS,JDBC, Servlet, Exception handling, HTML.**

WEB BASED QUIZE PORTAL   Sep '23 - Sep '23

Simplilearn

During this project created a quize portal, which consists of number of questions and after completing the quize user will get the score and answers of wrong attempts. Concepts used for this project are HTML, CSS, JS.

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KEY SKILLS

HTML5/ CSS3
JavaScript frameworks
Database development
Web UI

TECHNICAL SKILLS

Core JAVA
HTML/CSS
Java Script
Python
SQL
JIRA

CERTIFICATIONS/TRAINING

- Induction for Full Stack Java Developer Job Guarantee Program (All Engineers) (Simplilearn)
- Computer Fundamentals (Simplilearn)
- Introduction to Programming and Data Structures (Simplilearn)
- Phase-1: Implement OOPS using JAVA with Data Structures and Beyond (Simplilearn)
- Become a back-end expert (Simplilearn)
- Implement Frameworks the DevOps way (Simplilearn)
- Frontend Web Application Development (Simplilearn)
- Full Stack Java Developer Capstone Project (Simplilearn)