# Madhushree Parameshwara

[pmadhushree4@gmail.com](mailto:pmadhushree4@gmail.com)                                                    7204823001

## Training

Pursuing **JAVA Enterprise Application Development** training in **X-workz** Software Development training centre, Bangalore.

## Technical Skills

| | |
|---|---|
| **Languages** | **CORE JAVA, C, HTML, CSS** |
| **IDE** | Eclipse, Visual Studio |
| **Source Control Tool** | Git Hub |

## Qualification

"Bachelor of Engineering in Electronics and Communication from Visvesvaraya Technological University, Belgaum
Graduated in 2020 with 7.2 CGPA".

## Technical Summery

| | |
|---|---|
| **JAVA** | ❖ Knowledge on **Variables, Datatypes, Parameters** and **Arguments, Arrays, Enum, Key words.**<br>❖ Good exposer of **Access Specifiers, Method Return type, Wrapper Class.**<br>❖ Knowledge on **DTO** and **DAO.**<br>❖ Understanding of **Classes, Objects, Methods, Constructors, Exceptions.**<br>❖ Understanding of **OOPs Principles**<br>   1. **Abstraction**<br>     ✦ Practical Knowledge on **Abstract Class** and **Interface.**<br>   2. **Encapsulation**<br>   3. **Inheritance**<br>     ✦ Understanding of **types** of Inheritance.<br>   4. **Polymorphism**<br>     ✦ Understanding of **types** of Polymorphism. |

| | |
|---|---|
| | ❖ Practical Knowledge on **Overridden Methods** (**equals ()**, **toString ()**, **hashcode ()**, **clone ()**). <br> ❖ Understanding of **Exception Handling** <br>     ✦ Understanding of **checked** and **unchecked** exceptions. <br> ❖ Understanding of Collections <br>     ✦ Knowledge on **Hierarchy**, **subtypes** and **Implementor Classes.** <br> ❖ Understanding of **Memory Allocation** (**Stack** and **Heap**). <br> ❖ Good exposer of **Standard Package.** <br> ❖ Practical use of **Lambda expression**. |
| **HTML** | ❖ Knowledge on **Attributes, Headings, Paragraphs, Styles** and **Validations**. <br> ❖ Understanding of **Lists, Tables, Forms** and **HTML Links.** |
| **CSS** | ❖ Knowledge on **Margins, CSS Hight** and **width, Padding** and **Links.** <br> ❖ Understanding of **Selectors, Combinators, CSS Lists, Tables, Forms, Flex** and **Overflow.** |

## Academic Project Details

**"Design and Verification of FIR Filter using Pipelined Distributed Arithmetic"**

Summary**:**
The project includes the design, implementation and synthesis of FIR Filter. FIR Filters are used in digital signal processing applications to meet the required frequency specifications.

Software application used:  Xilinx 8.1i

## Internship

      "Did Internship (2019) in the Organization **Semi-ksha Semiconductors**, Learnt about RTL Design and Design Verification".