Sahana Balikai

SB

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Education

Bachelor of Engineeering **2016 - 2020**

Computer Science and Engineering,SKSVMACET Laxmeshwar.

Associate of Science[PUC] **2016**

Vidyaniketan Science College,Hubli

School **2014**

SFS High School Savanur

Training

Advancing the **Java Enterprise Application Development** training in X-workz.

Technical Skills

Programming Languages : Core Java

IDE : Eclipse, Visual Studio Code

Database : SQL

Web Technologies : HTML, CSS, JS, Bootsrap

Technical Summary

Core Java :

- Knowledge regarding class and object creation and constructors.
- Good Knowledge on fundamentals of OOPS. (Encapsulation, Inheritance, Abstraction, Polymorphism)
- Knowledge about Method-overloading, Method-overriding, Enum, Data-types, Wrappers.
- Understanding of Interfaces, static and final Keyword.
- Good Understanding of Data Transfer Object(DTO), Data Access Object(DAO), Packages.
- Equipped Knowledge on exception handling.
- Understanding of collections

HTML :

- HTML basic formatting tags, grouping using Div and Span.
- HTML lists, images, hyperlinks, tables, Iframes, forms
- Understanding on HTML Buttons

CSS :

- Good knowledge on CSS stylesheets, CSS selectors, Background and Text properties
- Good understanding of CSS Box Model.

JS :

- Demonstrate objects and arrays usage, functions and methods, constructors and inheritance
- Demonstrate usage of pattern matching with regular expressions

Bootstrap :

- Good knowledge on grid basic, buttons, jumbotron, alerts, dropdowns, forms.

Final BE Project

Cybernetic Organsim for Locomotion towards Paradigm.

The project involves structuring, designing, deploying Android-based-App giving the geographical data of close-by vehicles along with critical voics alerts between the connected vehicles.The project is Iot integrated Machine learning system existing transportation. Project objective is to deliver a monocular vision autonomous car prototype using Raspberry Pi as a processing chip. The car is capable of reaching the given destination safely and intelligently thus avoiding the risk of human errors. Many existing algorithms like lane detection, obstacle detection are combined together to provide the necessary control to the car.