**AJAY V**

Elengikaalavilai Veedu

Edaicode, Edaicode (p.o),

Kanyakumari dist, Tamilnadu, India

9488977981, 6379382110

[aajay0288@gmail.com](mailto:aajay0288@gmail.com) , [ajayv0590@gmail.com](mailto:ajayv0590@gmail.com)

|  |
| --- |
| EDUCATION |

|  |  |  |  |
| --- | --- | --- | --- |
| Course | Institute | Year of Passing | CGPA / Percentage |
| Computer Science and Engineering | Karpagam College of Engineering, Coimbatore, Tamilnadu, India | 2020 | 8.4 |
| 10th | Sacred Heart Matriculation Higher Secondary School, Padanthalumoodu, Kanyakumari dist, Tamilnadu, India. | 2014 | 474 ( 94.8 %) |
| 12th | Sacred Heart Matriculation Higher Secondary School, Padanthalumoodu, Kanyakumari dist, Tamilnadu, India | 2016 | 1059 (88.8% ) |

|  |
| --- |
| TECHNICAL SKILLS |

**C programing**

* Constants, Datatypes and Variables
* Number Operations
* Decision Making
* Branching and Looping
* Functions and Recursion
* Structures and Union
* Arrays and Strings
* String methods
* Pointers and Memory Allocation

**Java Programming**

* Constants, Datatypes and Variables
* Number Operations
* Decision Making
* Branching and Looping
* Classes and Objects
* Getters, Setters, Constructors and toString methods
* Method overriding and Method overloading
* Static Block and Static Methods
* Java OOPS concept
* Inheritance
* Aggregation
* Polymorphism
* Abstraction
* Encapsulation
* IS-A and HAS-A relationship
* Access Specifiers
* Arrays and Strings
* String method
* Java Regular Expression (REGEX)
* Java Exception Handling
* Java I/O operations
* Java Date and Time
* Java Collections

**Python Programming**

* Variables and Datatypes
* Numbers and Operators
* Decision Making
* Looping and Branching
* Functions and Recursion
* List , Tuple ,Set and Dictionary
* In-build methods for Numbers, List and String
* Fundamentals of Numpy Stack
* Exception Handling
* Access Specifiers
* Python OOPS concept
* List comprehension

**Fundamentals of Data Structures**

* Array
* Stack
* Queue
* Linked List
* Tree
* Graph

**Database Management System**

* E-R modelling
* Data Normalization
* Data Transactions
* Data Definition Language (DDL) - CREATE, ALTER, DROP, TRUNCATE, RENAME
* Data Manipulation Language (DML) - SELECT, UPDATE, INSERT, DELETE
* DATA Control Language (DCL) - GRANT and REVOKE
* Transaction Control Language (TCL) - COMMIT, ROLLBACK, and SAVEPOINT
* Primary Key and Unique Key
* Primary and Foreign Key mapping
* One-To-One Relation
* One-To-Many Relation
* Many-To-One Relation
* Many-To-Many Relation

**Java Database Connectivity**

* Creating Database Connection
* Creating Statement
* Creating Prepared Statement
* Executing Statement (DML and DDL operation)
* Procession Result Set

**GitHub**

* Creating Repository
* Creating a Frontend Hosting Service (GitHub pages)
* Pushing
* Fetching
* Branching
* Merging
* Fetching
* Pulling
* Issues
* Stashing
* Forking
* Setting Remote URL

**Hypertext Markup Language(HTML)**

* HTML text tags
* HTML form tags
* HTML Table tags
* HTML Image tags
* HTML Framesets
* HTML List

**Cascading Style Sheet (CSS3)**

* CSS Margins
* CSS Borders
* CSS Padding
* CSS Selectors
* CSS Color
* CSS Shadow (Text Shadow and Box Shadow)
* CSS Height/Width
* CSS Box Model
* CSS Fonts
* CSS Tables
* CSS Forms
* CSS Images
* CSS Backgrounds
* CSS Lists
* CSS Positioning (Absolute, Fixed, Relative, z-index)
* CSS Gradients (Linear-Gradient, Radial-Gradient)
* CSS 2D and 3D Transformations
* CSS Transitions and Animations
* CSS Matrix Transformation
* Navigation bar using CSS
* CSS Responsive (@media and screen)
* CSS Display and Visibility

**JavaScript**

* JS variables
* JS Operators
* JS Datatypes
* JS Functions
* JS Numbers and Strings
* JS String Methods
* JS Dates and its functions
* JS Decision Making
* JS Branching and Looping
* JS Regular Expression (REGEX)
* JS Document Object Model (DOM)
* JS Browser Object Model (BOM)
* JS Dynamic Page Display
* JS Animations (Set Interval, Set Timeout)
* JS Integration with HTML
* JS forms
* JS cookies and session
* ES5
* ES6

**Bootstrap**

* Jumbotron, Wells and Alert
* Buttons and Button groups
* List and List Groups
* Forms and Tables
* Badge and Labels
* Input Group and Form Group
* Tabs and Pills
* Pagination
* Images
* Glyph icon
* Cards
* Carousel
* Progress Bars
* Navbars and Sidebars
* Collapsible contents
* Dropdown
* Responsive Pages (Bootstrap Grid System)

**JQuery**

* JQuery Selectors
* JQuery Effects
* JQuery CSS Binding
* JQuery Chaining
* JQuery Attr and Val
* JQuery Wrapping Elements
* JQuery Form controls
* JQuery binding
* JQuery Keyboard and Mouse Events
* JQuery Animations
* JQuery Drag and Drop
* JQuery DOM manipulation
* JQuery BOM manipulation
* JQuery Appending and Prepending
* JQuery Propagation
* JQuery Event Delegation
* JQuery Image

**Java Server Pages (JSP)**

* JSP Scriptlet
* JSP Expression
* JSP Declaration
* JSP Request and Response
* JSP Directives
* JSP Including Pages
* JSP Binding Form data in Java Bean
* JSP Database Connectivity using JDBC
* JSP Session and Cookies
* JSP CRUD Actions

**JSP Standard Tag Library (JSTL)**

* JSTL Core Tags
* JSTL Function Tags
* JSTL Formatting Tags
* JSTL XML tags
* JSTL SQL tags
* JSTL Decision Tags
* JSTL Branching and Looping Tags
* JSTL String Methods
* JSTL URL Params

**Servlet**

* Handling Request and Response
* Get and Post Methods
* Getting Form Data and Process using Request Parameter
* Service Method
* Page Redirection (Request Dispatcher, Send Redirect)
* Integration with JSP
* MVC Controller using JSP and Servlet
* Database Connectivity

**Hibernate**

* ORM Mapping (Object-Relational Mapping)
* Entity, Table and Column mapping
* CRUD using HQL queries
* SessionFactory and Session
* Hibernate Association (one-to-one, one-to-many, many-to-one, many-to-many)
* Hibernate Cascading
* Hibernate Data Fetching (LAZY and EAGER)
* Hibernate Connection Pool
* Hibernate Criteria Query Language (HCQL)
* **createCriteria**, CreateQuery and CreateSQLQuery

**Spring MVC**

* Dispatcher Servlet
* Internal View Resolver (JSP)
* Inversion of Control (IoC)
* Dependency Injection
* Component Scanning (Spring Container)
* Constructor, Setter and Field Injection
* Spring Auto wiring
* Spring Configuration and Qualifier
* Spring Controller
* Spring RequestMapping and ResponseBody
* Spring Form Mappings (get, post, put and delete)
* Spring Forms
* Spring Integration with Hibernate (Database Connectivity)
* Spring Modelling and View Dispatcher
* Java Mail API using spring java mail sender
* Spring Sessions and Cookies
* Wrapping Data in Bean Class
* Project LOMBOK for Automatic Setters and Getters
* MAVEN Integration
* APACHE POI for Exporting Documents

**Spring RESTful Services**

* Restful API using Thompsons Project
* Converting Java Bean to JSON
* Binding JSON to Java Bean
* POSTMAN Application (GET, POST, PUT, DELETE)
* Handling POSTMAN request using @RequestParam
* CRUD Features