**AJAY V**

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| EDUCATION |

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| 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% ) |

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| 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

Fundamentals of DataStructures

* 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