**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
* Inheritance
* Decorators
* 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 (JDBC)**

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

**Jenkins (Devops)**

* Build Jobs
* Integrating with GitHub
* Creating Pipeline
* Building Test
* Maven Build
* Parallel Pipeline
* Deploy to Tomcat

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| OTHER SKILLS |

**Photoshop (CS6)**

* Cutting and Merging
* Overlay
* Gradient
* Clipping Mask
* Pattern Matching
* Asset Designing
* Logo Designing
* Certificate Designing

**Amazon AWS**

* Creating instance using Elastic Bean Stack
* Adding files to S3 bucket
* Creating instance with ec2
* Connection remote instance using putty

**Microsoft Office**

* Word
* Excel
* PowerPoint

**Question Modelling**

* Contest Hosting in Hackerrank
* Contest Hosting in Hackerrearth

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| FAMILIAR IDE |

* Notepad
* Notepad++
* Visual Studio Code
* IntelliJ Idea
* Eclipse
* Atom
* Pycharm
* IDLE
* MATLAB

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| MINI PROJECTS |

**LogSignUp**

This is a jQuery related project. This project is designed with html, css, bootstrap and jQuery. This project mainly focused on how the jQuery animation can be accessed by clicking radio button.

REF : <https://github.com/AjayKce/LogSignUp>

**TaskManager**

This is a blueprint(frontend) of a real world project which specifies **Student Placement Tracking**. In most of the time the placement coordinator’s often visits company for a date for the placement interview. The real world problem is the placement head doesn't know whether the company visit the campus or reject the campus. This Project fully explains the solution for the explained problem.

In this project I have used **HTML**, **CSS**, **BOOTSTRAP**, **JAVASCRIPT** as well as **JQUERY**. The project explains about the post-meeting, pre-meeting and record maintenance. The dynamic content is also added by JQUERY using event delegation

REF : <https://github.com/AjayKce/TaskManager>

**CircleLoadProject**

This project is designed with html and css. This project mainly focused on how the css animation can be accessed by timing link. This project has many designed circles which will give animation regarding the user click the link. Here css animations can be expressed.

REF : <https://github.com/AjayKce/CircleLoadProject>

**TransparentForm**

This project uses a common technology such as html and css. This project explains a form which has a transparency styling.

REF : <https://github.com/AjayKce/TransparentForm>

**SwitchProject**

This is a Navbars and switch related project. This project is designed with html and css. This project mainly focused on how the navigation bar can be accessed by radio buttons and usage of **css Animations**. This project has two phase. In first phase css animations and navigation bar can be expressed. The phase 2 project is a **Current Supplied Switch Project** Which has a four switch and one main switch at the middle when each switch is turned on the current flows through the medium and it stops when it is turned on. Note that the current doesn’t stop while the main switch is on;

REF : <https://github.com/AjayKce/SwitchProject>

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| MAJOR PROJECT |

**Customer-Resource-Management(CRM)**

This is a simple app using spring boot, spring mvc ,jsp and spring rest services. This web app uses the best technology of html, css and bootstrap as the frontend and spring , hibernate and Postgresql as the backend.

REF : https://github.com/AjayKce/CustomerCRM

**STUMAN**

STUMAN is a shortform for student's manager in which every user can store student detail's. This web app helps in filtering the students based on department, year, semester etc. This web app stores every details such as firstname, lastname , email etc and account details which is optional.

The main focus of this app is to reduce the difficulties faced by the user to store student details and helps in hospitality in which every user can get the details of the student for a respective blood. We also provide exporting details such as export to word , export to excel . We also provides filtered export in which every user can get the documents of particular students based on the filter.

This Application is build full and full with spring boot, JPA and Hibernate

REF : <https://github.com/AjayKce/Stuman>

**FeedBack**

This Project is a simple feedback app developed at the time I have learned Django . This Project has Three modules superuser, student and faculty. The superuser can filter and view the feedback submissions. The Student can give feedback to the staff and versa.

REF : <https://github.com/AjayKce/DjangoFeedBack>

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| HIGHEND PROJECTS |

**ELIQUITE**

Eliquite is a ERP Application which is a global authentication Application which provides the many modules such as attendance, feedback etc to satisfy the college ERP modules.

**Modules Covered**

* Subject Creation
* Creating Staff Module
* Classrooms Creation
* Allocating Classrooms for particular Staff ( Tutor )
* Allocating Subject Handled by staff
* Providing staff to create students for particular class
* Adding Resource for the handled subject by the staff
* Students Enrollment
* Downloading Resources uploaded By the staff
* Attendance module to give attendance for each hour
* Setting feedback by college Admin
* Giving feedback for each staff

REF : <https://github.com/AjayKce/Eliquite>

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| CERTIFICATIONS |

* Certifications on HTML, CSS and JQUERY
* Certifications on HTML and CSS3
* Certifications on Bootstrap 4
* Certifications on C language
* Certifications on C++ language
* Certifications on Python language
* Certifications on JAVA language
* Certifications on GitHub
* Certification on CS6 Asset Designing
* Certification on Database Design and MySQL
* Certification on JavaScript
* Certification on Jsp and Servlet
* Certification on Spring MVC (Spring Boot)
* Certification on Spring RESTful Services
* Certification on Jenkins

REF : <https://github.com/AjayKce/Certificates>

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| ACHEIVEMENTS AND AWARDS |

* Attended hands on workshop named Facebook Boot in IIT Hyderabad conducted by

Mahesh Rakeja.

* Achieved Second in Shastra College of Engineering in Full Stack Web Developer
* Achieved Second in Kumara guru College of Engineering in Frond End Development
* Participated in International Contest of ACMICPC conducted in KCG college of Technology
* Hosted my portfolio in <https://ajay0288.github.io/ajay/portfolio/index.html>

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| INTEREST |

* Designing Web pages
* Learning Different Framework
* Photoshop Editing
* Drawing
* Designing Database
* Lecturing
* Full Stack Developer
* Watching Religious Cinemas
* Developing ERP based High-end Projects
* Working with API and Hosting Services
* Creating MEMES

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| TAGS ABOUT ME |

* Quick Learner
* Web Cracker
* Self-Motivator
* Creative Thinker
* Task Scheduler
* Share Knowledge
* Extract Knowledge
* Self-Organizer
* Loyal Maintainer
* Copy Paster
* Framework cyco

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| PERSONAL PROFILE |

**NAME** : AJAY V

**DATE OF BIRTH** : 27-02-1998

**BLOOD GROUP** : A1B+ive

**MARITAL STATUS** : SINGLE

**KNOWN LANGUAGES** : TAMIL, MALAYALAM, ENGLISH

**PHONE** : 9488977981

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**FIELD OF INTEREST** : Learn new Framework

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| REFERENCE |

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**DATE :**

**PLACE :**