

EDUCATION

Banasthali Vidyapith

Master of Computer Applications with 9.59 CGPA, 2024

Bachelor of Computer Applications with 9.37 CGPA, 2022

St. Michael's Convent School

Senior Secondary School with 77.4%, 2019

Secondary School with 87.4%, 2017

SUMMARY

Highly motivated and enthusiastic **Software Engineer** eager to kick-start a successful career. Strong foundation in **programming languages** and **problem-solving skills**. Adept at quickly **learning new technologies** and collaborating with teams to deliver innovative solutions. Passionate about leveraging **cutting-edge tools** and techniques to contribute to the growth and **success of organizations**. Ready to bring fresh perspectives and a strong work ethic to drive **impactful projects**.

SKILLS

PROGRAMMING SKILLS :: C, C++, JAVA, C#.NET

WEB :: HTML, CSS

DATABASES :: MySQL, phpMyAdmin, SQL Server

EDITOR & IDE:: Visual Code, Visual Studio

RELEVANT COURSEWORK

- Data Structures and Algorithms
- Database Management Systems
- Object Oriented Programming
- Operating System
- Data Communication and Networking
- Web Development

PROJECTS

VISIONNAIRE : A SOCIAL MEDIA WEBSITE

Jan. 2023 to Apr. 2023

Developed a **dynamic social media** platform with **HTML, CSS, AJAX, PHP and MySQL** similar to **Facebook** that facilitates interactions and communication among individuals or groups through virtual communities and networks. Editor & Tools: **Visual Studio Code & XAMPP server**.

Team Members : 3

Specific Roles :-

- **User Registration** - Implemented a user registration system that allows **users to create accounts**.
- **User Profiles** - Designed user profile pages where users can add **personal information, profile and cover images**.
- **Friend Connections** - Enabled **users to connect** with friends, family, and acquaintances.
- **News feed** - Created a **dynamic news feed** where users can see updates and **posts from friends they follow**.
- **Posting and sharing** - Implemented the ability for users to **create posts and share photos with caption** on their profiles. Users have the option to **comment on** and **like** other users' posts.
- **Like & Comment** - Engage with others through **likes and comments**.
- **Messaging** - Incorporated a messaging system that enables users to send **private messages** to their friends.
- **Notifications** - Implemented a notification system to alert users about **activities** related to their profiles, such as **followers, likes and comments**.

WEBTEST - A DESKTOP BASED QUIZ APPLICATION (PERSONAL PROJECT)

Oct. 2022 to Nov. 2022

Developed a **quiz application** which provides an interactive and user-friendly platform for conducting quiz based on **JAVA** on a desktop computer. The **Java AWT** and **Swing libraries** are utilized to design the **graphical user interface (GUI)**, enabling a visually appealing and intuitive user experience with **MySQL** as the backend database management system. Editor & Tools - **Eclipse** and **MYSQL Workbench**

- **Admin Login** - Implement a admin login system that allow **admin to see the feedback of users**.
- **User Registration and Login** - Implement a user registration and login system that allow **users to access the Quiz application**.
- **Quiz Creation** - Created the Quiz by defining **questions, options, and correct answers** in **Multiple-choice question** formats in the code itself.
- **Quiz taking** - A **timer feature** is implemented that allows users to test knowledge under pressure.
- **Lifeline** - **50-50 lifeline** feature has been implemented to utilize a lifeline during a quiz to narrow down their choices by eliminating two incorrect options.
- **Score Tracking** - After completing a quiz, users receive a summary of their results, including the **total score**.
- **Feedback** - After completing the Quiz users can give their **feedback about the questions** and level of Quiz.

SHOPBUDDY - AN E-COMMERCE SHOPPING WEBSITE

Jan. 2022 to Apr. 2022

Developed the e-commerce website creating a fully functional shopping platform with an admin panel for efficient management. The website was developed using **HTML, CSS** for responsive design. **JavaScript** and **AJAX** were utilized to make the website dynamic. **phpMyAdmin** tool used for managing and administering **MySQL**. Editor & Tools: **Visual Studio Code & XAMPP server**.

Team Members : 4

Specific Roles :-

- **User Registration** - Users can **create accounts, log in** and **manage their profiles**.
- **Categories** - Users can shop from **different categories** such as men, women and kids.
- **Product Catalog** - A comprehensive **catalog displays products** with details, images and pricing.
- **Search** - Users can **search products** based on criteria.
- **Shopping Cart** - Users can **add products to their cart, view the cart contents**, and proceed to **checkout for payment**.
- **Dummy Payment Gateway Integration** - **Dummy payment gateway** has been implemented
- **Dynamic Updates** - **AJAX techniques** were implemented to provide **real-time updates**, such as **cart updates without page reloads** and to implement a pricing strategy that **increases the price when the quantity increases**.

KEY ACCOMPLISHMENTS

- **HackerRank** certified in basic **Problem Solving, SQL** and **JAVA**.
- **Technical Subcore**: Contributed to College's Biggest Technical Fest - "**Mayukh**", overseeing event management and coordination. Played a key role in organizing and executing a Hackathon along with **25+ technical and non-technical events** for Mayukh (2023).
- **Let's Grow More Summer Of Code'21** - Selected as a Participant in this program and gained valuable experience.
- **School-Level Leadership**: House Captain of St. Joseph House (2018-2019).