

Tabna Shahid

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PROFESSIONAL SUMMARY

Motivated and enthusiastic Computer Science graduate seeking a challenging role in software development and web technologies. Eager to apply technical skills, creativity, and a passion for learning to contribute meaningfully to organizational growth while advancing my professional development.

PROJECTS

Online Library Management System

Tech Stack: HTML, CSS, JavaScript, PHP, MySQL, WampServer

Description:

Designed and developed a dynamic web-based Library Management System using PHP and MySQL, hosted locally via WampServer. The system allows librarians and users to manage books, track borrow/return status and maintain records digitally.

Key Features:

- Separate role-based login panels for Admin and Users.
- Admin dashboard to manage inventory and monitor activity and user records
- Search and filter books by title, author or genre
- Responsive and mobile friendly UI for easy navigation

Scientific Calculator using Android

Tech Stack: Java, XML, Android Studio

Description:

Built a mobile application using Android Studio with a user-friendly interface to perform complex scientific calculations. Its layout is designed using XML.

Key Features:

- Supports basic arithmetic and advanced functions
- Includes logarithmic, exponential and trigonometric operations
- Responsive and mobile friendly UI for easy navigation

Group.io - Video Chat Application

Tech Stack: Node.js, Bootstrap, WebRTC, Socket.io, Hadoop (for setup)

Description:

Developed a real-time video chatting app using Node.js and WebRTC, supported by a Hadoop-based server setup to manage backend services and scalability.

Key Features:

- Real-time video and text chat between users
- Peer-to-peer connection handling with minimal latency

Journey Estimation – Machine Learning Project

Tech Stack: Python, Data Collection

Description:

Implemented a Python based system to analyze and predict the time and date of arrival when a distance taken as input is covered in fragments by separate modes of transportation, considering whether the journey is occurring on a weekday or a weekend.

Key Features:

- Data collection on distance and travel duration
- Estimate time taken to cover a specific distance

SKILLS

Programming Languages

C, Python, SQL, HTML, CSS

Familiar with Java, PHP, JavaScript, PL/SQL

Databases

Oracle, MySQL

Domain Interests

Web Development, Software Development, Machine Learning and AI

Operating Systems

Windows, Linux

IDE

Eclipse, Android Studio, Anaconda, VSCode

INDUSTRIAL TRAINING

App Development on Android

Webskitters Technology Solutions Pvt. Ltd.

August 2019

Web Development using NodeJs

Webguru Infosystems

August 2020

EDUCATION

B.Tech in Computer Science and Engineering

CGPA: 8.5

(Aug 2017 - July 2021)

Brainware University

Barasat, Kolkata, West Bengal, India

Data Structures, Object-Oriented Programming, Database Management Systems, Computer Networks, Computer Graphics, Web Programming, Software Engineering