ABHIVANDYA ABHIRAM

📱 (+91) 870-789-5680 ✉ abhiram.abhivandya@gmail.com 🔗 [Website](#) 💼 [Abhivandya Abhiram](#) ⚙ [abbyexe](#)

ABOUT

Highly motivated Software Engineer with a passion for innovation and a drive to excel in software development. Skilled in Java, and Object-Oriented Programming. Dedicated to delivering exceptional results in software product development. Eager to contribute my technical expertise and problem-solving abilities to a dynamic and forward-thinking organization in the field of software development. Seeking opportunities to collaborate on impactful projects and make a difference in the ever-evolving world of technology.

EDUCATION

Manipal University Jaipur
Undergraduate Student: September, 2021 - present (Anticipated Graduation May, 2025)
- Pursuing Bachelor of Technology in Computer Science and Engineering
- 8.56 CGPA

La Martiniere College, Lucknow
High School: April, 2017 - March, 2021
- Science stream: English, Physics, Mathematics, Computer Science and Economics in grade 11-12.
- Scored 93.2% in ICSE Board Examinations in grade 10
- Scored 94.0% in ISC Board Examinations in grade 12

EXPERIENCE

CES Holdings, Dubai (remote): Summer Internship, 2024
- **Project Title:** Integration of the Middleware with Magento for the website
- **Integrated Middleware Solutions:** Facilitated the integration of middleware with Magento to streamline data synchronization and enhance e-commerce operations.
- **Data Preprocessing:** Conducted extensive data preprocessing, including cleaning and organizing large datasets using Excel, to ensure data accuracy and consistency.
- **System Testing:** Performed rigorous testing of products and data flow between Magento and Plytix to ensure system reliability and efficiency.

SKILLS

Professional:
- Java
- C/C++
- Python
- HTML, CSS, & Bootstrap
- Git and Github
- SQL, Excel

Interpersonal:
- Strong written and verbal communication
- Problem solving
- Time management
- Teamwork and collaboration
- Curious with an emphasis on learning
- Self-motivated

PROJECTS

E-Commerce Website: mybookstore.com
- Designed, developed, and tested a dynamic e-commerce website for a bookstore, incorporating essential features such as user registration, login, seamless order placement, and a fully functional shopping cart. Utilized a stack of technologies including PHP, HTML, CSS, XAMPP server, and SQL.

Detection of DDoS Attacks using RF and ANN Techniques
- Created and tested a model for detecting Distributed Denial-of-Service (DDoS) attacks utilizing Random Forest (RF) and Artificial Neural Networks (ANN) techniques. The model achieved 99.25% accuracy with RF and 98.38% accuracy with ANN, demonstrating high efficacy in identifying malicious network traffic.
- Authored a research paper detailing the methodology and findings, currently pending publication.

Password & OTP Generator and Authenticator
- Created and tested a Password & OTP Generator and Authenticator that generates random strong passwords that could be used by multiple websites using Java Language.

Student Attendance Manager
- Implemented and tested an attendance management system for students based on Doubly Linked List data structure in C programming language.
- Capable of storing, deleting, and modifying details of multiple students as well as marking their attendance for multiple subjects.

ACHIEVEMENTS

Elite D.A.A. Course Graduate from I.I.T. Madras | Oct, 2023
- Attained the 'Elite' designation upon completing the Design and Analysis of Algorithms course offered by NPTEL in collaboration with I.I.T. Madras.

Jumpstart with Cybersecurity and Ethical Hacking | Oct, 2022
- Developed a User Credential Authentication Portal using Java in a hackathon on Jump Start with Cybersecurity and Ethical Hacking by Randomize(); in collaboration with Faculty of Computer Science and Engineering - Manipal University Jaipur.

EXTRA CURRICULARS

- Certificate of Appreciation, Blood Donation Camp, Rotaract Club of Manipal University Jaipur (2022)
- Awarded best team award at Inter-House Debate Competition, La Martiniere College (2019)
- Certificate for Organising, La Martiniere Model United Nations (2019)
- Champions, 15th National Football CP (7-A-Side) Championship (2016)