ABINAYA S
SOFTWARE DEVELOPER

📞 +91 9585480087 ✉ abinayas495100@gmail.com ⓔ leetcode ⓞ portfolio

🔗 abinaya-s-b0b1a2278 | Linked In ⓞ AbinayaS110505 | Github 📍 Coimbatore

A skilled software developer with expertise in the MERN stack and Java, combining problem-solving abilities with innovative thinking to deliver impactful solutions. Dedicated to bringing fresh ideas and a results-driven approach to every project. Also interested in exploring opportunities in Quality Assurance to contribute to software quality and reliability when needed.

EDUCATION

- **B.TECH**
  INFORMATION TECHNOLOGY
  SRI SHAKTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY COIMBATORE. 2022-2026 || **8.57**
- HIGHER SECONDARY CERTIFICATE
  BAREN BRUCK HIGHER SECONDARY SCHOOL. TENKASI
  STATE BOARD ||2022 || **83.6** %
- SECONDARY SCHOOL LEAVING CERTIFICATE
  BAREN BRUCK HIGHER SECONDARY SCHOOL, TENKASI
  STATE BOARD|| 2020 || **71.6%**

AREAS OF INTEREST
- Quality Assurance & Software Testing
- Database Management
- MERN Stack Development
- Object Oriented Programming
- Manual Testing
- Test Case Design

SKILLS
- Languages: Java
- Web Development:HTML,CSS,JS
- Test Management: Test Case Design
- DATABASE: SQL
- Frameworks and Libraries: MERN Stack
- Selenium (Learning)
- Tools: VS Code, Git and GitHub

CERTIFICATIONS
- UNSTOP - Full Stack Web Development (MERN)
- Hacker Rank- Basic & Intermediate-Problem solving
- Great Learning - Java

KEY STRENGTHS
- Problem-Solving
- Team Work
- Adaptability
- Bug Tracking

Declaration:

PROJECTS

APREVO– FLIGHT TAKEOFF APPROVAL AND SAFETY PRE-CHECK SYSTEM

Designed a full-stack web application to digitize and manage safety inspections performed by ground service crews and verified by co-pilots before flight clearance. Built using React, Node.js, Express, and MySQL to enable secure, real-time checklist handling and reduce manual approval errors.
Link: flight-check.vercel.app/

ALUMNI ASSOCIATION PLATFORM

Developed an Alumni Association platform that connects past students for networking, mentorship, and career opportunities. Tech Tool: MERN Stack
Link: Alumni_Association_platform

EVENT HUB AI

Developed an interactive event booking platform where users can explore events, book tickets, and view their bookings in a personalized profile dashboard. Integrated user login via local storage, smooth navigation using React Router, and styled components with Tailwind CSS.
Link: github.com/AbinayaS110505/EventHub-v2

4+ CONSOLE-BASED PROJECTS

Student-Teacher Management System was implemented using the DAO Design Pattern, allowing students to view their CGPA and teachers to manage student records efficiently.
Flight Booking Platform is a console-based application developed using DAO Design Pattern and MVC architecture, allowing users to search for flights, book tickets, and manage reservations efficiently.Bank Management System is a secure application that enables customers to manage accounts, perform transactions, check balances, and track transaction history with proper input validation.Resume Builder Application dynamically collects user details and generates well-formatted resumes based on user input.

CHESS GAME

The Chess Game is a web-based application with an interactive UI, designed to provide a visually appealing chessboard layout with properly styled pieces and smooth user interactions.
LINK: chess_game

CODING PRACTICE

Solved 270+ problems on LeetCode and 300+ on CodeChef, with strong focus on DSA and problem-solving. Earned 50-day and 100-day consistency badges on both platforms for regular coding practice.

WORKSHOP RAMPeX Technologies - MERN Stack

LANGUAGES KNOWN
- Tamil(Native)
- English

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.