



PAVITHRA S

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SUMMARY

Aspiring software developer with expertise in full-stack web development, particularly in React and backend frameworks. Passionate about creating innovative software solutions and enhancing user experiences. Committed to ongoing learning and professional growth in the tech industry.

EDUCATION

Pursuing BE Computer Science and Engineering	Sep 2023-Sep 2027
Dr Mahalingam college of Engineering and Technology,Pollachi	
9.1 cgpa	
HSC	June 2022 - Mar 2023
Mariamammal girls Higher Secondary School,Pollachi	
95.2%	
SSLC	June 2020 - Mar 2021
Government High School,Periyapodhu	
92.6%	

EXPERIENCE

Intern-Codsoft	July 2024 (4week)
Completed a 4-week virtual internship in Web Development at CodSoft, showcasing technical skills and contributing effectively to tasks and projects.	
<ul style="list-style-type: none">• Landing Page Website(HTML,CSS)• Calculator(HTML,CSS,JavaScript,React Framework)• Portfolio(Html,CSS,JavaScript)	
Magazine Coordinator-Department Association(DIGIFLASH)	Oct 2024 - Aug 2025
<ul style="list-style-type: none">• Curated and managed content for DIGITIME magazine.• Coordinated editing, design, and timely publication.	
Placement Coordinator-Student Guild of Service(SGS)	Oct 2024 - Aug 2025
<ul style="list-style-type: none">• Facilitated placement activities and served as a liaison between students and recruiters.• Organized workshops and training sessions to enhance student employability.• Coordinated with companies to schedule interviews and placement drives.	
Key Contributions	
<ul style="list-style-type: none">• Leadership• Communication• Event Management• Teamwork	

PROJECT

Task Scheduler using Queue Data Structure in C	July 2024 -Aug 2024
<ul style="list-style-type: none">• Objective: Implement a task scheduler using a queue data structure in C to manage and execute tasks based on their priority and arrival time.• Data Structures: Developed a linked list-based queue with functions to enqueue, dequeue, and display tasks.	
Booksey Application	Oct 2024
<ul style="list-style-type: none">• Objective: Designed and implemented a book management app using JavaScript to efficiently manage and organize books.• Implementation: Utilized JavaScript for front-end development, enabling users to add, view, and delete books.	

Face and Object Detection in Python

Dec 2023

- **Objective:** Implement a system for real-time face and object detection using Python and AI libraries.
 - **Technologies:** Programming Language: **Python** Libraries: **OpenCV**
 - **Face Detection:** Utilize OpenCV and Dlib for detecting faces in images or video streams.
 - **Object Detection:** Employ TensorFlow and PyTorch with pre-trained models for detecting various objects in the scene.
 - **Real-time Processing:** Achieve real-time face and object detection using OpenCV's video capture capabilities.
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Technical Skill

- Programming Languages: C, C++, Java
 - Web Development: HTML, CSS, JavaScript
 - Database Management: MongoDB, Mysql
 - Tools & Frameworks: React, Node.js, Github
 - Software Development: Dart, Flutter
 - Other Skills: Embedded Systems, Problem Solving, Debugging
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Non-Technical Skill

- Leadership and Team Management
 - Effective Communication
 - Problem-Solving and Critical Thinking
 - Time Management and Organization
 - Creativity and Innovation
 - Adaptability and Quick Learning
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ACHIEVEMENTS

Academic Achievements

- Scored 82% in NPTEL Entrepreneurship course(Elite+Silver).(Nov 2024)
- Achieved the distinction of being the school topper in HSC.(June 2021-Mar 2023)

Technical Achievements

- Won first prize in the Syntax SmackDown coding event conducted by the CSE department association-Sep 2024
- Won third prize in the Pitch Perfect paper presentation event conducted by the AIML department-Oct 2024

Extracurricular Achievements

- Participated and showcased skills in events like Flipkart Grid 6.0.-Aug 2024
- Scored 85% in the NCAT (National Creativity and Aptitude Test)-July 2024
- Won 2nd prize in the State-Level Speech Competition organized by the Tamil Nadu Ariviyal Sangam in 2020.

Startup Contributions

- Joined an aeroponics startup as an app developer, contributing as a technical architect.
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CERTIFICATIONS

NPTEL Certification in Entrepreneurship — NPTEL(12week)

July 2024-Oct 2024

- Scored 82% and gained insights into leadership and entrepreneurial journeys.

NCAT (National Creativity and Aptitude Test) — NCAT

July 2024

- Scored 85% in a national-level aptitude and creativity assessment.

Introduction to MongoDB — MongoDB University

Aug 2024

- Completed a 12-hour course on MongoDB fundamentals and database management.
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AREA OF INTEREST

- Data Structures and Algorithm
- Software Development
- Frontend and Backend Development