

AADHAVAN P

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EDUCATION

Sri Eshwar College of Engineering	B.E (CSE)	CGPA 8.7 (upto 3rd Semester)	2022 - 2026
ABC Matric Hr Sec School	HSC	95.1%	2020 - 2022
ABC Matric Hr Sec School	SSLC	89.8%	2019 - 2020

ADDITIONAL COURSE

Indian Institute of Technology Madras	B.S Data Science	CGPA 7.67	2024 - 2027
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INTERNSHIP

GIRL SCRIPT SUMMER OF CODE (GSSOC) - Open Source Contributor 2024

Contributed to Postman APIs and challenges, enhancing the platform's functionality and user experience. Created new APIs for APIDASH, expanding system capabilities. Authored comprehensive documentation for FreeCodeCamp, improving accessibility and understanding for users.

Tech stack: Postman, API Development, Technical Writing

MERN STACK - BETTER TOMORROW 2024

Designed and Developed BookStack, a bookstore management application that assists bookstore owners to access streamline operations like inventory management, order processing, and real-time analytics through a user-friendly interface. Bookstore is built using the MERN stack and is hosted on Vercel for high availability and performance.

Tech stack: Node JS, React JS, Mongo DB, Express JS

PROJECTS

QUIKCHANGE | React.js, Node.js, Next.js, MySQL, TypeScript, Tailwind CSS, Docker 2024

QuikChange is a vending machine software solution built with NextJS, MySQL, and Tailwind CSS that helps users get optimal change by streamlining the process using an efficient algorithm deployed through Docker with a robust CI/CD workflow and hosted on Vercel, a secure cloud platform.

RECHARGE APP | Flutter, Dart, Firebase Realtime Database 2024

Created a user-friendly mobile recharge app using Flutter with a sleek UI design. Implemented local & event-based push notifications to inform users about their recharge status and promotional offers. Integrated Firebase for secure mobile authentication and real-time database for efficient data management across multiple platforms.

ASIANEX | Java, JavaFX, JDBC, MongoDB, IntelliJ IDEA, MultiThreading 2023

Developed an Asian Tourism Management System to facilitate efficient client tour data and expense management for businesses allowing users to manage account details (add, modify, delete) with JavaFX, a user-friendly interface JDBC for seamless database connectivity, and MongoDB for scalable data storage.

QRGEN | Flutter, Dart, Firebase Firestore 2023

Developed a versatile QR code scanning and generation application using Flutter that empowers users to not only scan existing QR codes but also create and share customized QR codes containing various data types, including text, images, documents, links, and contacts.

IMAGIFY | Python, Django, Machine Learning (CNN), Docker, Weaviate 2023

Developed Imagify, an image-based search engine utilizing Machine Learning (Convolutional Neural Networks) in Python. Imagify leverages Docker containers and Weaviate for efficient image storage in vector databases, enabling accurate and fast image searches.

SKILLS

Programming Languages: C | C++ | C# | Java | Python | JavaScript | TypeScript | SQL | Rust

Frontend Development: React.js | Angular | Redux | Next.js | Tailwind CSS | HTML5 | CSS3

Backend Development: Node.js | Express.js | Django | Flask | .NET Core | WordPress

Mobile Frameworks: Flutter | React Native | Ionic

Tools & Others: Git | GitHub | Docker | Machine Learning | Azure | AWS | Linux | Android Studio | Visual Studio

Databases: MySQL | MSSQL | MongoDB

CERTIFICATIONS

Certified in Microsoft: Azure AI Fundamentals **Microsoft** **2024**

Certified in Software Engineer **HackerRank** **2024**

Certified in Google Cybersecurity Professional Certificate **Google & Coursera** **2024**

Certified in SQL Advanced **HackerRank** **2024**

Certified in Python for Data Science, AI & Development **IBM & Coursera** **2023**

Certified in 100 Days of Code: The Complete Python Pro Bootcamp **Udemy** **2023**

Certified in Mastering Data Structures & Algorithms using C and C+ **Udemy** **2023**

Certified in AWS Essential Training for Developers **LinkedIn** **2022**

ACHIEVEMENTS

LeetCode: Max Rating - 1458 | Problem Solved - 374 | [Profile Link](#)

CodeChef: Max Rating - 1543 | 2 Star Coder | Global Rank: 23972 | [Profile Link](#)

CodeLee Contest - 1st Place: Showcased my coding skills by winning 1st place in the CodeLee Contest.

Project Expo Hackathon - 1st Place: Secured the 1st Prize in the College Hackathon by developing an innovative software solution that impressed the judges and participants.