

Sathya A

Entry-Level Software Engineer| Focused on Building Efficient and Scalable Solutions

EDUCATION

Bachelor's Degree in Computer Science and Engineering

Kings College of Engineering , Punalkulam,Pudukottai

CGPA - 8 (upto 6th Sem)

2021 – 2025

HSC

Mother India Higher Secondary School, Koradacherry

Percentage - 84 %

2020 – 2021

SSLC

United Matriculation School, Koradacherry

Percentage - 82 %

2018 – 2019

PROJECTS

• Plant Disease Identification System - Using Python and CNN

Constructed a high-accuracy CNN model using Python for identifying plant diseases with 98% accuracy.Integrated convolutional neural networks (CNNs) with real-time image processing capabilities for rapid disease detection.

• Quiz Web Application- Using Python and Deep Learning

Technologies used: Spring Boot, Microservices, PostgreSQL, Java, RESTful APIs

Developed a web-based quiz application using a microservices architecture with Spring Boot to handle backend services.

Implemented CRUD operations for managing quizzes and questions, ensuring seamless interaction with a PostgreSQL database.

Designed RESTful APIs for quiz-related features such as quiz creation, updating, deleting, and user score tracking.

Ensured application scalability and maintainability by decoupling services and using microservices patterns.

Integrated user authentication and role-based access control for secure access to the platform.

LANGUAGES

- Tamil
- English

Contact

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SKILLS

- Java
- MongoDB
- Power BI
- GitHub and Postman
- SQL and JDBC
- Python
- Azure Cloud

INTERNSHIPS

InternPe | Python Developer Intern

- Hands-On Project Experience : Build real-world applications like Tic-Tac-Toe, Snake Game, and Digital Clock, demonstrating your Python skills in game development and GUI programming.

CERTIFICATIONS

- **AWS Cloud Practitioner Badge** from **AWS Skillbuilder**
- **Data Analytics and Visualization** Simulation from **Accenture** North America - *Forage*
- **Solutions Architecture** Simulation from **AWS** - *Forage*
- **Carrer Edge - Young Professional** from **TCSiON**
- **Introduction to Cloud Computing** from **Infosys | SpringBoard**
- **Introduction to MongoDB, DevOps** from **GUVI**

SOFT SKILLS

- Time Management
- Collaborative Working
- Problem Solving
- Logical Thinking
- Adaptability