

Jagodige Thilina Kaveesha Viduranga



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Education

2005-2010
Sri Sumanajothi Primary
School Ingiriya

2011-2016
Siri Piyaarathana Central
College Padukka

2017-2019
Dharmapala Vidyalaya
Pannipitiya

2021-Present
JAIN University Bangalaores
Karnataka India

Areas of specialization

- Full-Stack Development
- Artificial Intelligence
- Machine Learning

Interests

Coding, Photography, Music,
Drawing, Sports

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in Kaveesha Viduranga

GitHub Kaveesha-Viduranga

Twitter @Kaveesha Vidu

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EDUCATION

Successfully Completed the GCE Ordinary Level and GCE Advanced Level examinations with excellent results.

DEGREES

B.Tech Computer Science and Engineering (Full Stack Development)
JAIN University Bangalore Karnataka India

PROGRAMMING LANGUAGES

HTML, CSS, JavaScript

Java

python

R

C

C#

C++

php

FRONT-END FRAMEWORKS

- * React.js (vite)
- * Angular
- * Bootstrap
- * Tailwindcss

BACK-END FRAMEWORKS

- * Django
- * Express.js
- * Next.js
- * Node.js
- * Spring Boot
- * .NET Core

DATABASE MANAGEMENT

- * MySQL
- * MongoDB

CLOUD COMPUTING PLATFORMS

- * AWS (Amazon Web Services)

CERTIFICATIONS

- Angular Basics (Skillup)
- React Basics (Coursera)
- Introduction to .NET Core (Coursera)
- Django Web Framework (Coursera)
- AWS Cloud Technical Essentials (Coursera)
- Create Serverless Applications - Microsoft Azure (Coursera)
- 100 Days of Code: The Complete Python Pro Bootcamp for 2023 (Udemy)
- Artificial Intelligence for Beginners: Understand The Basics (Udemy)
- Artificial Intelligence for Beginners: Python and AI Basics (Udemy)
- Introduction to Cryptocurrency (UpGrad)
- Artificial Intelligence in the Real World (upGrad)
- Object-Oriented Principles In Java: Abstraction, Encapsulation, Inheritance and Polymorphism (upGrad)
- Learn Python Libraries: Numpy, Matplotlib and Pandas (upGrad)
- Digital Image Processing (Great Learning)
- Data Structures in C (Great Learning)
- Deepfakes Basics (Great Learning)
- Introduction to Artificial Intelligence (Coursera)
- What Is Generative AI? (LinkedIn)
- Generative AI: The Evolution of Thoughtful Online Search (LinkedIn)
- Introduction to Artificial Intelligence (LinkedIn)

CERTIFICATIONS IN PROGRESS

- Java Programming Masterclass updated to Java 17 (Udemy)
- C Programming For Beginners - Master the C Language (Udemy)
- Beginning C++ Programming - From Beginner to Beyond (Udemy)
- R Programming A-Z™: R For Data Science With Real Exercises! (Udemy)
- The Complete 2023 Web Development Bootcamp (Udemy)
- Complete Flutter App Development Bootcamp with Dart (Udemy)

PROJECTS

Python Projects

- > Developed a Python-based voice assistant with speech recognition capabilities.
- > Developed a QR code generator using Python for encoding data into scannable codes.
- > Developed a Python-based typing speed tester with User Interface to measure and improve typing efficiency.
- > Developed a Python-based hit game with engaging mechanics and smooth animations.
- > Developed a face detection application using OpenCV for real-time image processing.
- > Developed a Python-based application for measuring object height using OpenCV.

- > Developed a PDF-to-speech converter using Python to generate MP3 audio from text content.
- > Developed a Python-based watermark generator for applying watermarks to images.

Web Development Projects

- > Developed an AI-powered chat application using React and Vite, enabling real-time interactions with intelligent responses using Google Gemini API.
- > Developed a React and Vite-based movie display application that displays the latest movie titles, release dates, and poster images.
- > Developed a food delivery application using React and Vite, enabling users to login to the website, view menus, and place orders seamlessly.
- > Built a React and Vite-based weather app that fetches real-time weather data for any given city, displaying temperature, conditions, and forecasts in an attractive interface.
- > Built a React and Vite-based real estate platform that showcases property listings with images, pricing, and key details, enhancing the user experience with a responsive and interactive interface.

Data Analyzing and Visualizing Projects

- > Completed data analysis projects, utilizing Python libraries like Pandas and NumPy for data manipulation and statistical computation, and Matplotlib and Seaborn for visualization.

Predictive Modeling Applications

- > Developed a Fusion Model for Heart Disease Prediction Using Bacterial Foraging Optimization and LSTM-RNN.
- > Developed a Convolutional Neural Network (CNN) Model for Brain Disorder Prediction.

Mobile Application Development (iOS and Android)

- > Developed a dice game mobile application using Flutter and Dart, featuring an interactive and engaging user experience.
- > Developed a xylophone mobile application using Flutter and Dart, enabling users to play musical notes with an interactive interface.
- > Developed a quiz mobile application using Flutter and Dart, featuring interactive questions, real-time scoring, and an engaging user experience.
- > Designed and developed a BMI calculator mobile app using Flutter and Dart, providing users with an intuitive tool to calculate and assess their Body Mass Index.
- > Built a Flutter and Dart-based weather forecasting app that delivers real-time weather data, including temperature, humidity, and conditions, with a user-friendly interface.

LANGUAGES

Sinhala	Mother Tongue						
English		●	●	●	●	●	●
Tamil		●	●	●	●	●	●

INTERNSHIPS

- One month internship on Software Development in Exposys Data Labs.(India)
- One month internship on Data Science and Machine Learning in YBI Foundation. (India)



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