

# Jagodige Thilina Kaveesha Viduranga



## Contact

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## Education

2005-2010  
Sri Sumanajothi Primary  
School Ingiriya

2011-2016  
Siri Piyaarathana Central  
College Padukka

2017-2019  
Dharmapala Vidyalaya  
Pannipitiya

2021-2025  
JAIN University Bangalore  
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

G Kaveesha-Viduranga

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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

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- \* AWS (Amazon Web Services)

## CERTIFICATIONS

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- 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

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- 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

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### 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 Breast Cancer 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

<b>Sinhala</b>	Mother Tongue						
<b>English</b>		●	●	●	●	●	●
<b>Tamil</b>		●	●	●	●	●	●

## INTERNSHIPS

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- 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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