

Aswin H - Developer Portfolio

Personal Information:

Name: Aswin H

Location: Coimbatore, India

Contact: aswincseskct@gmail.com

Portfolio: <https://aswinhariramportfolio.framer.website/>

CGPA: 8.5/10

Programming Languages:

Java

JavaScript

Python

Kotlin

Swift

C

C++

HTML

CSS

TypeScript

SQL

Shell scripting

Dart

Technologies & Tools:

Frontend Development:

React

React Native

Next.js

Tailwind CSS

Expo

Backend Development:

Node.js

Spring Boot

Django

Flask

FastAPI

Cloud & Databases:

AWS

Google Cloud

Firebase

MongoDB

MySQL

PostgreSQL

AI & Machine Learning:

Gemini AI

LangChain

LLMs

TensorFlow

PyTorch

OpenCV

OCR

NLP

Authentication & Security:

Spring Security

OAuth

Version Control & CI/CD:

Git

GitHub

Docker

Kubernetes

CI/CD

Web Technologies:

REST APIs

GraphQL

WebSockets

Testing & Other Tools:

Swagger

AOP

JUnit testing

Vite

Kotlin Multiplatform Mobile (KMM)

Notable Projects:

EzMark:

A React Native app for attendance management with biometric verification and multi-factor authentication.

Writezy:

A React Native app using Gemini AI for content generation and editing.

Nector:

An online grocery store built with React and JSON-Server.

OCRGenie:

A project focused on handwritten text extraction from images using OCR technologies.

PSA5 (Senior Citizen Support Portal):

A platform offering social networking, health assistance, and essential services for elderly citizens.

Freelance Work:

Creating developer portfolio websites for students.

AI-powered Interview Website:

An AI-powered platform for resume screening and LinkedIn profile analysis.

Face Matching Microservice:

A Python-based microservice for face matching.

Aircrack-ng Conversion:

Converting Aircrack-ng and other network security tools to Windows software.

Learning & Growth:

Actively learning Spring, REST APIs, and Cloud technologies to enhance backend capabilities.

Participating in hackathons to gain practical experience and improve skills.

Expanding expertise in AI technologies and cloud platforms to stay at the forefront of full-stack development.

Core Skills:

Full-Stack Development: Skilled in both frontend and backend technologies.

AI Integration: Experienced in integrating AI-powered solutions like Gemini AI, LangChain, and LLMs.

Cloud & Scalability: Proficient in working with cloud platforms like AWS and Google Cloud.

AI & Machine Learning: Expertise in TensorFlow, PyTorch, OCR, and NLP for AI-driven applications.

Version Control & CI/CD: Familiar with Git, GitHub, Docker, Kubernetes, and CI/CD pipelines.

Personal Traits:

Innovative: Always looking for new technologies and ways to integrate AI into applications.

Problem-Solver: Tackles complex challenges like biometric verification and face matching.

Continuous Learner: Actively seeking opportunities to learn new frameworks and technologies.