

GOKULNATH

Software Developer

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 gokule710@gmail.com

 Portfolio

 LinkedIn

 GitHub

SUMMARY

I'm a software Developer with a keen interest in developing scalable solutions that utilize AI and cloud technologies. My expertise spans across programming languages, frameworks, and databases, ensuring effective collaboration and communication within teams. I strive to solve complex problems and have a strong track record of delivering impactful projects in the software development landscape.

EDUCATION

08/2024 - 05/2026

Pursuing

Master of Computer Applications
VIT University

08/2020 - 05/2023

CGPA: 8.3

Bachelor of Computer Application
Shanmuga Arts and Science College

2019 - 2020

Percentage: 63.6%

2017 - 2018

Percentage: 68.4%

Higher Secondary Education

Sri VDS Jain Higher Secondary School

Secondary Education

Sri VDS Jain Higher Secondary School

PROJECTS

Real-Time Credit Card Fraud Detection

26/12/2024 - 16/02/2025

A cloud-native AI pipeline for real-time credit card fraud detection

- Developed a fraud detection system using 8 AWS Cloud services
- Trained an XGBoost model for high-accuracy transaction classification
- Built a Flask-based Web UI for real-time simulation and transaction monitoring
- Achieved instant fraud alerts via SNS (email/SMS) with secure REST APIs

Eye Disease Prediction System

17/08/2024 - 15/11/2024

An AI healthcare solution for eye disease prediction

- Built a deep learning model (EfficientNetB3) for detecting 4 types of eye diseases
- Integrated Flutter UI and Flask backend for mobile & web predictions
- Implemented image preprocessing, post-processing, and model evaluation logic

INTERESTS

</> Coding Challenges

Active in coding challenges with focus on DSA & problem-solving speed

AI Innovation

Passionate about AI-first innovation and scalable system design

CORE COMPETENCIES

Languages: Java, Python, C, Dart, JavaScript, HTML/CSS, React, Flask

Cloud & DevOps: AWS (Lambda, API Gateway, SageMaker, EC2, SNS, CloudWatch, IAM), Docker

Databases: MySQL, Firebase, PostgreSQL

Tools & Frameworks: React, Flutter, Flask, FastAPI, Kaggle, Hugging face, Git & GitHub

Soft Skills: Analytical Thinking, Team Collaboration, Extreme Ownership, Communication

KEY ACHIEVEMENTS

Google Analytics 4 (GA4)

Google Analytics 4 (GA4) with a final score of 88% | Google

C Programming Course

The Complete C Programming Course for Basic to Expert | Udemy

LANGUAGES

Tamil

Native or Bilingual Proficiency

English

Full Professional Proficiency