

GOKULNATH

Software Developer

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 [Portfolio](#)

 [LinkedIn](#)

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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	Master o fComputer Applications	2019 - 2020	Higher Secondary Education
Pursuing	VIT University	Percentage: 63.6%	Sri VDS Jain Higher Secondary School
08/2020 - 05/2023	Bachelor o fComputerApplication	2017 - 2018	Secondary Education
CGPA: 8.3	Shanmuga Arts and Science College	Percentage: 68.4%	Sri VDS Jain Higher Secondary School

PROJECTS

Real-TimeCredit 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