

# Gokulnath

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- GitHub: <https://github.com/Gokule7>
- Portfolio: <https://gokule7.github.io/Gokul-s-portfolio/>
- Location: Chennai, Tamil Nadu.



## OBJECTIVE

A motivated MCA student with strong skills in AI and ML, Mobile Development, Java, SQL, and Cloud Deployment, I am actively seeking opportunities to apply my technical expertise and passion for programming. Eager to contribute to dynamic projects, I aim to develop my skills further and make a meaningful impact in a collaborative and innovative team environment.

## SKILLS AND INTERESTS

<b>Programming Languages :</b>	Java, Python
<b>Frontend Technologies :</b>	HTML5, CSS3, React
<b>Database:</b>	SQL
<b>Tools &amp; Frameworks :</b>	Flutter, Flask, FastAPI, Kaggle, Hugging Face
<b>DevOps &amp; Cloud:</b>	AWS, Docker, Kubernetes
<b>Version Control System :</b>	Git, GitHub
<b>Soft Skills :</b>	Analytical thinking, Team collaboration, Good communication, and problem-solving skills.

## EDUCATION

<b>Master of Computer Applications,</b> Vellore Institute of Technology, Chennai, Pursuing	July 2024 – May 2026	<b>Bachelor of Computer Application,</b> Shanmuga Industries Arts and Science College, CGPA - 8.3	Aug 2020 - May 2023
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## PROJECTS

<b>Smart Protector Application for Elderly People</b>	Dec 2024 - Feb 2025
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**Technologies:** Kotlin, XML, Firebase, Wear OS, Data Layer API, Android Sensors  
Developed a mobile and Wear OS-based elder care app with real-time fall detection, heart rate monitoring, medicine reminders, and emergency alerts via Firebase. Enabled secure caregiver-elder pairing and seamless smartwatch-phone communication with offline and background support.

**GitHub:** <https://github.com/Gokule7/SMART-PROTECTOR-APPLICATION-FOR--ELDERLY-PEOPLE->

<b>Cloud-Based Real-Time Credit Card Fraud Detection</b>	Feb 2025 - Apr 2025
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**Technologies:** AWS Lambda, SageMaker, API Gateway, CloudWatch, EC2, Python, Machine Learning  
Developed a serverless fraud detection system on AWS for real-time monitoring, utilizing SageMaker for ML models, Lambda for automation, API Gateway for endpoints, and CloudWatch for monitoring.

**GitHub:** <https://github.com/Gokule7/Credit-Card-Fraud-Detection>

<b>Eye Disease Prediction System</b>	Aug 2024 - Feb 2025
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**Technologies:** Flutter, Flask, Python, EfficientNetB3, Grad-CAM, Deep Learning, TensorFlow.  
A cross-platform app predicts five eye diseases from fundus images, utilizing EfficientNetB3 and Grad-CAM for interpretability, and a Flask API.

**GitHub:** <https://github.com/Gokule7/eye-disease-prediction>

<b>Legal-AI-Assistant</b>	Aug 2025 - Nov 2025
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**Technologies:** AI, NLP, Machine Learning, Python, Natural Language Processing, Document Analysis  
Created an AI legal assistance system utilizing natural language processing for document classification, key information extraction, and intelligent legal query responses.

**GitHub:** <https://github.com/Gokule7/Legal-AI-Assistant>

## LANGUAGES

<b>Tamil</b> Native and Bilingual Proficiency	<b>English</b> Full Professional Proficiency
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