Godson M D

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SUMMARY

Passionate 4th-year Computer Science student specializing in Generative AI and cloud-native development. Proven experience from a 6-month internship building serverless applications with Python, Flask, and a suite of AWS services including Lambda, Bedrock, and Pinecone. Seeking a challenging role to apply and expand skills in AI-driven software engineering.

EDUCATION

Thejus Engineering College, Vellarakkad   Thrissur, Kerala
B.Tech in Computer Science and Engineering   *2022 – 2026*

St. Aloysius HSS, Elthuruth   Thrissur, Kerala
Computer Science   *2020 – 2022*

TECHNICAL SKILLS

Programming Languages: Python (Proficient), Java, C, JavaScript, HTML/CSS, SQL

Frameworks & Libraries: Flask, Django, Google Generative AI, Pillow, MoviePy

AWS Services: Lambda, DynamoDB, S3, Bedrock, Pinecone (Knowledge Base)

Tools & Platforms: Git, GitHub, VS Code

EXPERIENCE

GenAI Developer Intern (Remote)   May 2025 – Oct 2025
NarrowLabs Technologies Pvt Ltd   *Bangalore, India*
- Developed and deployed serverless applications using AWS Lambda, API Gateway, S3, and DynamoDB.
- Integrated LLMs including AWS Bedrock and Google Gemini to build generative AI features.
- Implemented Retrieval-Augmented Generation (RAG) pipelines using Pinecone vector database.
- Developed a resume storage microservice enabling users to upload resumes directly to AWS S3 through a secure serverless API.
- Built an internal Ticketing System for NarrowLabs using HTML, AWS Lambda, API Gateway, DynamoDB, SES, and S3.
- Implemented ticket workflows with department-based assignment (Management, AI Team, Development, DevOps) and status transitions (Open, Pending, In Progress, Closed).
- Developed dashboards for employees, documentation reviewers, and admins, supporting proof uploads, ticket filtering, and user/team administration.
- Created L4DX, an AI chatbot powered by AWS Knowledge Base and Lambda that provides domain-restricted answers based on a PDF uploaded to the knowledge base.
- Contributed to designing scalable cloud-native architectures for multiple internal company tools.

Web Development Intern   Sep 2024 – Nov 2024
Grapesgenix Technical Solution Pvt Ltd   *Thrissur, Kerala*
- Gained hands-on experience in Django backend development.
- Integrated Google Gemini API for text generation and chatbot features.
- Implemented Razorpay payment gateway into web applications.
- Contributed to developing modular and scalable backend components.

ACHIEVEMENTS

- Secured **1st Prize** in a Hackathon conducted at Thejus Engineering College.
- Won **1st Prize** in a Coding Competition held at Thejus Engineering College.
- Achieved **4th Position** in the Project Expo for the *Arogya Diet Planner* project.

PROJECTS

Diet Planner System using Ai   Django, Google Gemini API, SQLite, JavaScript, HTML/CSS
Mini Project
- Implemented separate login roles for users and doctors.
- Used Gemini API for automated diet suggestions, chatbot, and report generation.
- Built dashboards for tracking meals, calorie intake, and progress.

SAHASAM – Movie Promotion Browser Game   Flask, AWS, Phaser Js, Vanila Js, HTML/CSS
Personal Project (Not used for movie)
- Developing a 2D browser game with puzzles, animations, and storytelling.
- Uses Phaser JS engine for rendering and game logic.
- Integrated AWS Lambda, API Gateway, SNS, and DynamoDB for cloud saves and leaderboards.

L4DX – AI Chatbot with AWS Knowledge Base   AWS Bedrock KB, JavaScript, HTML/CSS
Company Project — NarrowLabs
- Built an AI chatbot that answers strictly based on content stored in an AWS Knowledge Base.
- Used AWS Lambda and API Gateway to create a fully serverless backend.
- Connected DynamoDB to store logs, interactions, and session metadata.
- Ensured domain-restricted responses by grounding all answers to a PDF uploaded into the knowledge base.

NarrowLabs Ticketing System   AWS, SES, JavaScript, HTML/CSS
Company Project — NarrowLabs
- Developed an internal ticket/task management system used by NarrowLabs employees and interns.
- Implemented ticket creation, assignment, and team-based routing across Management, AI Team, Development, and DevOps.
- Enabled workflow states including Open, Pending, In Progress, and Closed with proof submission using DynamoDB.
- Designed a search engine supporting ticket ID lookup, custom filters (creator, assignee, team, project info, status).
- Built three dashboards: Employee dashboard, Proof Review dashboard, and Admin dashboard for user/team management.
- Integrated AWS SES for automated notifications and updates.

Interactive Life Simulation Game   Flask, Google Gemini API, SQLite, JavaScript, HTML/CSS
Personal Project
- Developed a narrative-based simulation game driven by user choices.
- Used Gemini AI to generate story events, choices, character traits, and endings.

Car Rental System   Django, Pillow, SQLite, JavaScript, HTML/CSS
Personal Project
- Developed role-based logins: Admin, Customer, Client.
- Enabled car rental and taxi booking workflows.
- Allowed clients to suggest their cars to the site admin for rent.
- Added admin-side analytics dashboard for booking insights.

Resume Storage System using AWS S3   AWS Lambda, S3, API Gateway, JavaScript, HTML/CSS
Personal Project
- Built a microservice that allows users to securely upload resumes to AWS S3.
- Implemented serverless backend using AWS Lambda and API Gateway.
- Configured S3 storage policies and ensured secure handling of user-uploaded files.
- Designed the system to integrate with future AI-based resume parsing pipelines.

LEADERSHIP & EXTRACURRICULARS

µLearn Thejus Engineering College   Tech Leader
Thrissur, Kerala   *2025 – 2026*

ISTE Student Chapter, Thejus Engineering College   Tech Leader
Thrissur, Kerala   *2024 – 2025*