

Gopinathan M

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EDUCATION

KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY

B.E. IN COMPUTER SCIENCE AND ENGINEERING

Expected Graduation: May 2027 | Coimbatore, India

CGPA: 8.12 / 10.0

KG MATRICULATION HIGHER SECONDARY SCHOOL

Graduated: 2023 | Coimbatore, India

Percentage: 91.3 %

LINKS

GitHub: [gopidev](#)

LinkedIn: [m-gopinathan](#)

LeetCode: [M_Gopinathan \(300+ Problems\)](#)

COURSEWORK

Data Structures and Algorithms, Operating Systems, DBMS, OOP, Machine Learning, Cloud Computing, TOC, Docker

CERTIFICATIONS

HackerRank: Problem Solving (Intermediate), Java (Intermediate), SQL (Basic)

Cloud Computing – NPTEL

Practical Cyber Security Practitioners – NPTEL

Red Hat AI Foundations – Executive Certificate

EF SET English Certificate – C2 Proficient

SKILLS

FRONTEND DEVELOPMENT

React • Tailwind CSS • TypeScript

BACKEND DEVELOPMENT

Spring Boot • Node.js • REST APIs

TOOLS DEVOPS

Git • GitHub • Docker • Vercel • Render • Maven

PROGRAMMING LANGUAGES

Java • C • C++ • Python

DATABASES

MySQL • MongoDB

Summary: Backend focused CSE student building scalable Java + Spring Boot services, with finance domain projects and strong DSA driven problem solving.

EXPERIENCE

INFOSYS SPRINGBOARD | FULL STACK INTERN AI DRIVEN EXPENSE

TRACKER & BUDGET ANALYZER (GitHub)

2025 | Ongoing

- Built and shipped backend services using **Spring Boot** and secure REST API's for a finance platform.
- Designed JWT-based authentication and integrated ML driven expense classification workflows.
- Collaborated on React frontend components and managed builds using Maven and GitHub.

ELEVATE LABS | AIML INTERN (GitHub)

2025 | Remote

- Built backend services and REST APIs for an AI-powered resume ranking system.
- Implemented NLP pipelines using SpaCy and scikit-learn for automated scoring.
- Deployed containerized applications using Docker.

CISCO VIP INTERNSHIP PROGRAM | INTERN

2024 | Remote

- Simulated enterprise networks and analyzed routing behavior using Packet Tracer.
- Worked with IP addressing, subnetting, and routing protocols.

PROJECTS

WAREHOUSE MANAGEMENT SYSTEM | BACKEND FOCUSED

FULL-STACK DEVELOPER

2025 | Remote

- Engineered a scalable warehouse backend managing inventory, stock movement, and transactions.
- Designed REST APIs using Node.js and Express for lifecycle management and audit logging.
- Implemented JWT authentication and optimized MongoDB queries through indexing.

COMMUNITY HUB | BACKEND DEVELOPER (GitHub)

2025 | Independent Project

- Developed backend services for a location-based community support platform.
- Implemented REST APIs for onboarding, help requests, and geo-based filtering.
- Designed MongoDB schemas and aggregation queries for proximity search.

LOAN DEFAULT RISK PREDICTION | BACKEND DEVELOPER

- Exposed ML inference through REST APIs using Flask.
- Built preprocessing and evaluation pipelines for financial borrower datasets.
- Implemented logistic regression model with performance evaluation.