LAKSHMI CHARAN M V

mvlakshmicharan07@gmail.com
+91 9110446684
http://www.linkedin.com/in/lakshmicharanmv07
https://github.com/lakshmicharanmv

CAREER OBJECTIVE

Aspiring Software Engineer with strong foundations in Data Structures, Algorithms, and Object-Oriented Programming. Experienced in automation, full-stack development, and AI-based applications. Passionate about building scalable, high-quality software solutions and continuously growing as an engineer in a collaborative, innovative environment.

EDUCATION QUALIFICATION

- **Bachelor of Engineering-Artificial Intelligence and Data Science**
  CMR Institute of Technology, Bengaluru.
  9.13, 2026 (Pursuing)
- **Pre-University- Science**
  Vidya Jyothi PU college, Kolar.
  95.00%, 2022
- **10th Grade**
  R.M. International English Medium High School, Kolar.
  90.08%, 2020

INTERNSHIP

AI Automation Intern — Procify Innovations Private Limited

Nov 2025 – Present

- Automating multiple Procify products, including low-code and no-code platforms, using Playwright, Code gen, and custom automation pipelines.
- Integrating AI Agents and MCP servers to streamline complex work-flows and reduce manual testing efforts.
- Debugging, validating, and verifying automated flows to ensure high reliability and production readiness.
- Collaborating with engineering teams to enhance automation coverage, improve CI/CD work-flows, and optimize overall product quality.

PROJECTS

Title: Career Compass AI

- Designed and developed an AI-powered platform to assist students and professionals with career planning, resume building, and skill development.
- Implemented LLM-driven recommendations for personalized career paths, resume reviews, and gap analysis based on user profiles and industry trends.
- Built automated PDF report generation and skill assessment modules to provide actionable career insights.
- Tech Stack: Next.js, TypeScript, Tailwind CSS, Google Gemini AI (Genkit).
- Live Demo: https://career-compass-ai-six.vercel.app/

Title: Glaucoma Detection Using CNN

- Developed a deep learning system using CNNs to detect glaucoma from retinal fundus images by analyzing optic disc and cup regions.
- Implemented the calculation of the cup-to-disc ratio (CDR) to classify eyes as healthy or glaucoma-affected.
- Built a GUI application enabling doctors to upload images and receive automated diagnostic results for early detection.
- Tech Stack: Python, TensorFlow, OpenCV, Tkinter.

SKILLS

Programming Languages: Java, Python.
Web Development:HTML, CSS, JavaScript, React.js, Node.js.
Database: MySQL, MongoDB, SQL Queries & Optimization.
Machine Learning & GenAI: TensorFlow, Scikit-learn, OpenCV, LLM Integration, Prompt Engineering
Automation & Testing: Playwright, Playwright Code gen, AI Agents, MCP Servers.
Version Control: Git, GitHub.
Cloud Platforms: AWS (Basic).
Concepts: Data Structures & Algorithms, OOP Concepts, SDLC Basics.