

# ROBIN M P

## CLOUD & DEVOPS ENTHUSIAST | ASPIRING CLOUD ENGINEER

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### SUMMARY

Motivated Cloud and DevOps enthusiast with experience implementing containerized applications, CI/CD pipelines, and serverless solutions on AWS. Strong foundation in Python and cloud automation gained through academic and project work. Seeking an opportunity to contribute to cloud infrastructure development while advancing technical depth.

### TECHNICAL SKILLS

- Cloud/DevOps: AWS (intermediate), Docker (intermediate), Jenkins (intermediate), IaC (beginner), GitHub Actions (intermediate)
- Languages: Python (basic), Java (basic), SQL(basic)
- Tools: Git, VS Code, Ubuntu, Firebase

### PROJECTS

#### Serverless Image processing

- Developed a serverless image-processing pipeline on AWS using Lambda and S3, with Python-based event handlers that automatically resize and optimize images on upload.

#### Automated Retinal Disease Detection and Classification Using AI

- Created a full-stack application for diagnosing retinal diseases, powered by a deep learning model reaching 92.37% accuracy. Implemented Gemini 1.5 as the AI engine via API integration to deliver consistent and high-quality predictions.

#### Real-time Face Attribute Detection

- Developed a real-time face attribute detection system using CNN and VGG-based models to identify emotion, gender, age, and race through live video input.

#### Zomato Clone with DevOps

- Developed and deployed a Zomato-style application with a fully automated CI/CD pipeline. Used Docker for containerization and GitHub Actions + Jenkins for continuous delivery, running the final build on AWS EC2.

### EDUCATION

#### MCA – Master of Computer Applications

- Bangalore Institute of Technology | 2025
- Major Project: Automated Retinal Disease Detection and Classification Using AI

#### BCA – Bachelor of Computer Applications

- S.R. Nagappa Shetty Memorial National College of Applied Sciences, Shivamogga | 2023
- Major Project: Real-time Face Attribute Detection

### ADDITIONAL INFORMATION

- Languages:** English, Kannada, Malayalam
- Certifications:** AWS Certified Cloud Practitioner (in progress), Associate Cloud Engineer(in progress)
- Publication:** <https://ijsrem.com/download/automated-retinal-disease-detection-and-classification-using-ai/>