

# RAKSHITH GOWDA M R

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## SUMMARY

Software Developer Intern (Python) with strong foundations in AI, Machine Learning, and full-stack development. Experienced in building real-world applications using Django, React, REST APIs, and computer vision techniques. Passionate about developing scalable, data-driven solutions.

## EDUCATION

Maharaja Institute of Technology Mysore

Mandya ,Karnataka

Bachelor of Engineering in Information Science & Engineering

2022-2026

CGPA: 9.45

## SKILLS

Programming Languages: Python, C, Java, JavaScript, SQL, Kotlin

Web Technologies: HTML, CSS, React.js, Node.js, Express.js

Frameworks: Django, Flask

Databases: MySQL, NoSQL

AI/ML: Machine Learning, NLP, OpenCV, Data Visualization

Tools: Git, GitHub, Postman, Power BI, Tableau

## INTERNSHIPS

Software Developer Intern (Python) | WizzyBox Private Limited

January 2026 – Present

- Developing and maintaining Python-based applications.
- Supporting backend development and API integration.
- Working with AI/ML concepts for data processing and automation.
- Collaborating in an agile development environment.

Android Development Intern | THREAT PRISM (IStop.ai) | [CERTIFICATE](#)

- Developed Android applications using Kotlin with focus on UI and functionality.
- Worked on API integration and debugging application modules.
- Gained hands-on experience in mobile application development lifecycle.

## PROJECTS

### AI INTERVIEW SYSTEM

Tech: React, Django REST, JWT, NLP

Built a full-stack platform for mock interviews with secure login, profile dashboard, and resume upload.

- Integrated AI/NLP to auto-generate interview questions based on user resume & subject.

- Implemented JWT authentication, interview history tracking, and clean React UI.

## **AI QUESTION PAPER GENERATOR**

Tech: React, Django REST, JWT, NLP, PDF Processing

Full-stack system to auto-generate university question papers from syllabus PDFs.

- Extracts modules & practicals, applies Bloom's taxonomy for question generation.
- Interactive React UI for selection, structured preview, and marks assignment.
- Secure JWT auth with user profiles and saved papers.

## **FACIAL RECOGNITION BASED HEART RATE PREDICTION**

Tech: Python, OpenCV, NumPy, Dlib, MTCNN, FFT

Developed a real-time, contactless system to estimate heart rate by analyzing facial video input using computer vision and signal processing techniques.

- Implemented MTCNN for face detection and ROI extraction (forehead/cheeks).
- Estimated heart rate using Fast Fourier Transform (FFT) to identify dominant frequency.
- Displayed real-time BPM on webcam feed with live facial tracking.

**ANDROID PROJECTS** : Music Application Developed Using Kotlin | Coin Tracker | Netflix Clone

## **CERTIFICATES**

Complete Python Basics – Python programming | [CERTIFICATE](#)

Tata Group - Cybersecurity Analyst Job Simulation | [CERTIFICATE](#)

AWS APAC - Solutions Architecture Job Simulation | [CERTIFICATE](#)

Deloitte - Data Analytics Job Simulation | [CERTIFICATE](#)

Participated in TCS TECHBYTES 2025 & Hackathons.