MIKHTHAD T T

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SUMMARY

Python Full Stack Developer with internship experience in designing and developing scalable web applications using Django and React. Skilled in backend development, REST API design, frontend–backend integration, authentication, role-based access control, and MySQL database management. Strong understanding of full stack development lifecycle, CRUD operations, and scalable application architecture.

EXPERIENCE

Python Developer | Feb 2026 – Present
Pentagon Softwares | Kalamassery, Ernakulam

- Developing and maintaining scalable backend applications using Python and Django
- Designing RESTful APIs for business applications
- Writing clean, optimized, and reusable code
- Working with MySQL databases for data storage and management
- Debugging, testing, and improving application performance
- Implementing authentication and role-based access control

Python Full Stack Developer Intern
Knovista Technologies | Oct 2025 – Feb 2026

- Developed full stack web applications using Django REST Framework and React.js
- Designed RESTful APIs for CRUD operations
- Implemented authentication and role-based access control
- Managed MySQL database models and backend logic

TECHNICAL SKILLS

- Python
- Django
- React
- Deep Learning
- Machine Learning
- SQL

PROJECTS

Library Management System | Python Full Stack Project

- Developed a full stack library management system using Django REST Framework and React
- Built REST APIs for book management, issue and return workflow, and fine calculation
- Implemented user and admin modules with authentication and role-based permissions
- Added features for book search, reviews, ratings, and reservation handling
- Designed and managed relational database schema using MySQL

Malaria Detection System | Deep Learning Project

- Developed a CNN-based deep learning model using VGG16 pretrained architecture
- Performed binary classification of parasitized and uninfected blood cell images
- Applied data augmentation, normalization, and regularization techniques
- Achieved 94% accuracy on test dataset
- Deployed the model using Streamlit

COURSE

Professional Course – Data Science
Codeme Hub International | May 2024 – May 2025

- Python programming for data analysis and application development
- SQL for database querying and backend integration
- Machine Learning algorithms and model evaluation techniques
- Deep Learning fundamentals using Convolutional Neural Networks

EDUCATION

Bachelor of Commerce (B.Com)
Calicut University | 2021 – 2025