

ABHIN ASHOK

Python Developer

Pathanamthitta, Kerala
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PROFESSIONAL SUMMARY

Postgraduate in Computer Science with expertise in Python full-stack development using Django and React. Proven ability to develop scalable web applications through academic projects and professional internship, with strong problem-solving skills and a commitment to continuous learning. Seeking to apply technical skills in a collaborative software development environment.

TECHNICAL SKILLS

Languages: Python, JavaScript (ES6+), SQL
Frameworks: Django, Django REST, React.js
Web Technologies: HTML5, CSS3, REST APIs, JWT
Databases: PostgreSQL, MySQL
Tools: Git, Postman, Docker

EXPERIENCE

Python Backend Development Intern 2025
Protech Hub, Kerala - Emalayalee News Platform

- Developed RESTful APIs for community platform using Django REST Framework
- Implemented JWT authentication for secure user access and session management
- Conducted comprehensive API testing using Postman, ensuring 98% endpoint reliability
- Collaborated with frontend team to integrate APIs with React-based user interface

EDUCATION

Python Full Stack Development	2024
Inmakes Infotech, Kerala	
MSc Computer Science	2023
Kerala University	
BSc Computer Science	2020
MG University	

TECHNICAL PROJECTS

E-Hospitality System Python, Django REST, React, PostgreSQL

- Architected healthcare management system serving 100+ daily users with patient/doctor/admin modules
- Engineered JWT-authenticated appointment system reducing booking errors by 35%
- Optimized PostgreSQL queries improving report generation speed by 40%
- Implemented responsive UI with 98% mobile compatibility score (Lighthouse)

Image Mosaicking Tool Python, OpenCV, NumPy

- Developed panoramic stitching tool processing 50+ images/min with 95% alignment accuracy
- Reduced processing time by 30% through multiprocessing optimization
- Integrated GPU acceleration for high-resolution image blending