ABHIN ASHOK

Python Developer | Full Stack Developer

Pathanamthitta, Kerala | +91-7025201956 | abhinashok275@gmail.com
GitHub: github.com/AbhinAshok | LinkedIn: linkedin.com/in/abhin-ashok-b90b78243

PROFILE SUMMARY

Postgraduate in Computer Science with expertise in **Python, Django, React, JavaScript, SQL** and full-stack development. Hands-on experience building **scalable web applications**, RESTful APIs, and optimizing database queries. Completed a professional **Python Backend Internship** developing and testing secure APIs. Quick learner with strong problem-solving skills, seeking to contribute in a collaborative, growth-oriented software development team.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript (ES6+), SQL
Frameworks & Libraries: Django, Django REST Framework, React.js
Web/Backend: HTML5, CSS3, REST API Development, JWT Authentication, MVC Architecture, ORM
Databases: PostgreSQL (Indexing/Optimization), MySQL
Version Control/CI-CD: Git, GitHub, GitHub Actions

EXPERIENCE

Python Backend Development Intern 2025
Protech Hub, Ernakulam, Kerala

- Developed RESTful APIs for a news and community platform using Django REST Framework.

- Implemented **JWT authentication** for secure user access and session management.

- Conducted comprehensive API testing with Postman, achieving **98% endpoint reliability**.

- Collaborated in Agile sprints, participated in code reviews and bug fixes.

PROJECTS

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

- Architected a healthcare management system serving 100+ daily users with patient, doctor, and admin modules.

- Reduced booking errors by **35%** through JWT-based appointment system.

- Optimized PostgreSQL queries, improving report generation speed by **40%**.

- Delivered responsive UI with **98%** mobile compatibility (Google Lighthouse).

Image Mosaicking Tool Python, OpenCV, NumPy

- Developed panoramic stitching tool processing 50+ images/min with **95% alignment accuracy**.

- Reduced processing time by **30%** using multiprocessing and GPU acceleration.

EDUCATION

MSc, Computer Science 2023
Kerala University

BSc, Computer Science 2020
MG University

Certification: Python Full Stack Development 2024
Inmakes Infotech, Ernakulam, Kerala