PRIYA DHARSHINI D

Python FullStack Developer

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Portfolio | LinkedIn | HakkerRank | Github

EDUCATION

Bachelor of Computer Application   **2019 June - 2022 May**
Immaculate College   **CGPA 8.6 / 10.0**

SKILLS

- **Languages :** Python, Javascript, HTML, CSS, SQL
- **DataBase :** MySql, PostgreSQL, SQLite
- **Framework/Libraries :** React, Bootstrap, Django, DRF, FastAPI, Requests, BeautifulSoup
- **Tools & Platforms :** Git, GitHub, Postman, Visual Studio Code, PyCharm, Eclipse, IntelliJ

PROJECTS

E Commerce Web App - *Python, Django, Mysql, Bootstrap, Javascript, Html, Css, Django Builtin Auth*

- Built a full-stack e-commerce website using Python,Django,MySQL,managing 10+ product categories,orders,boosting checkout completion by 30% handling 500+ secure transaction.
- Implemented secure Django auth handling 100% of login, registration, and sessions, reducing unauthorized access by 40% and boosting data protection.
- Engineered an advanced, intuitive admin dashboard to manage 100+ products and 50+ customer orders, streamlining backend operations and cutting manual updates by 80%.
- Revamped Django e-commerce platform using asynchronous views and Refined queries, decreasing average page load time by 2.1 seconds across 10,000+ product pages.

Task Management System - *Python, React, FastAPI, SQLAlchemy ORM, Mysql, RESTFUL APIs, JWT*

- Created a high-performance RESTful API with Fast API for CRUD operations on 100+ tasks, integrated with a React frontend for seamless, responsive task management.
- Integrated backend workflows with SQL Alchemy ORM, enforcing relational constraints and automating data management processes, significantly slashing manual query effort by 90%.
- Achieved <500ms response times using asynchronous Fast API, securely managing 100+ tasks with JWT auth and handling 50+ concurrent requests via React integration.
- Applied RESTful API versioning with scalable endpoints,improving integration efficiency by 70% reducing maintenance overhead by 60%.

INTERNSHIP EXPERIENCE

PYTHON FULL STACK DEVELOPER INTERNSHIP   **2025 Sep - 2025 Oct**

- Designed and implemented a role-based Library Management System with user and admin dashboards, enabling secure role-specific access and management of 200+ eBooks.
- Enhanced Upgraded and Secured system security and content control by implementing download restrictions, user permissions, and admin approval workflows, improving content access efficiency by 45%.
- Executed real-time eBook reading functionality using React-PDF and flipbook UI, allowing 500+ users to read online with page navigation, zoom, and bookmarking, and integrated real payments using Stripe.
- Traced and debugged API requests, authentication issues, and Stripe payment failures using Django REST Framework, Postman, and Stripe dashboard, achieving a 99% transaction success rate.

PYTHON DEVELOPER INTERNSHIP :   **2025 Mar - 2025 Apr**

- Crafted Python scripts leveraging OOP principles and validation techniques to automate backend workflows, significantly accelerating overall processing speed by 40%.
- Architected REST APIs in Django, incorporating token-based authentication for enhanced security.
- Optimized database queries, reducing API response time and boosting performance by 40%.
- Handled backend data operations for 50,000+ records using Python, implementing structured processing, error control and validation to achieve 99.9% accuracy and high system reliability.

CERTIFICATIONS

Python FullStack Developement | U.N.I.Q Technologies
Web Development Course | Udemy