

ALZAHARA T B

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PROFESSIONAL SUMMARY

Full Stack Python Developer skilled in Django, REST APIs, MySQL, HTML, CSS, JavaScript, and React. Strong foundation in OOP with 2+ years of professional experience in C++ development focused on performance and high-quality code. Experienced in building scalable back-end systems, integrating third-party APIs, and developing responsive UI. Seeking to contribute to impactful Python/Django projects.

WORK EXPERIENCE

Intern — Luminar Technolab

Kochi, India | Jan 2025 – Present

- Python Django–React Full-Stack Web Development
 - Built portfolio, watch store frontend using Bootstrap 5
 - Developed internship e-commerce platform with Razorpay integration
 - Built REST APIs with DRF and integrated with React
 - Created Recipe and Library Management apps

Project: online appointment booking system

Technologies: Python, Django, HTML, CSS, JavaScript, SQLite/MySQL, Razorpay API

- Built an online appointment booking system using Python and Django with a secure, scalable backend.
- Implemented user authentication with registration, login, logout, and role-based access control for admins and customers.
- Designed responsive HTML/CSS/Bootstrap UI for browsing services, viewing schedules, and booking appointments.
- Integrated Razorpay payment gateway for secure online payments with order creation, verification, and payment success callbacks.
- Applied Django security features including CSRF protection, form validation, and atomic transactions.
- Created a modular backend architecture using Django models, forms, and views for clean maintainable code.

Project: E-commerce Web Application

Technologies: Python, Django, HTML, CSS, Bootstrap, JavaScript, SQLite/MySQL, Razorpay API

- Developed a full-featured e-commerce web application enabling users to browse products, manage carts, and place orders.
- Implemented secure user authentication with registration, login, logout, and role-based access control for admins to manage categories, products, and stock.
- Built product catalog modules with category filtering, product detail pages, and search functionality using Django ORM (Q lookups).
- Integrated Razorpay payment gateway for online payments with order creation, payment verification, and success callbacks
- Structured the application using Django MVT pattern with modular models, views, forms, and templates for maintainability.

Software Engineer — Quest Global

Trivandrum, India | Jan 2022 – May 2024

- Collaborate with product management and engineering teams to design, develop, and maintain software solutions.
- Write clean, scalable code using modern programming languages and frameworks. Conduct thorough testing

and debugging of applications to ensure software quality and reliability.

- Developed and tested new features for UltraSound Scanning machines of Canon Medical Systems Corporation. Participate in code reviews and provide constructive feedback to peers.
- Designed and implemented new features and algorithms for Image display.
- Migrated various features and functionalities from one version of the UltraSound main software to another.
- Develop technical documentation to accurately represent application design and code.
- Participated in the development, testing, and documentation of major software components following a standard development process.
- Utilized Coverity tool for code analysis and enhancement of software quality.

EDUCATION

Bachelor of Computer Science
Ilahia College of Engineering and Technology, Ernakulam
APJ Abdul Kalam Technological University | 2017–2021

SKILLS

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|---------------------------------|--|
| Technical Skills | Python, Django, REST APIs, HTML5, CSS3, Bootstrap, JavaScript, SQLite/MySQL, Razorpay API Integration, Django Forms & Models, Role-Based Access Control (RBAC), Authentication & Authorization, Django ORM, C++, Git, Responsive Web Design. |
| Tools & Design | Visual Studio (2017/2019), Postman, Razorpay Dashboard, ClearCase, Coverity, CodeXL, DICOM Viewer, ImageJ, Debug Viewer, Beyond Compare, XMind, Canva, Eclipse |
| Version Control & Collaboration | Git, Code Reviews, Github |
| Soft Skills | Communication, Problem Solving, Team Collaboration, Production Support, Technical Documentation, Time Management, Adaptable, Cross-functional teamwork, Time/task breakdown |

CERTIFICATIONS

- Luminar certification: Python Django-React Full-Stack Web Development
- Alison certification: Software Testing and C++ Programming
- Udemy certification: Full-Stack Web Development

LANGUAGES

- English
- Malayalam