

ALZAHARA T B

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PROFESSIONAL SUMMARY

Front-End Developer skilled in HTML, CSS, JavaScript, and Bootstrap, with backend experience in Python, Django, REST APIs, and MySQL. Strong OOP foundation with 2+ years of C++ development experience. Experienced in building responsive UI and integrating APIs. Seeking a Front-End or Full-Stack role to create scalable web applications.

WORK EXPERIENCE

Intern — Luminar Technolab

Kochi, India | Jan 2025 – Nov 2025

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 – Jan 2023

- 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.
- 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.
- 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.

Trainee Engineer — Quest Global

Trivandrum, India | Jan 2023 – May 2024

- Assisted senior engineers in developing and testing software modules for medical imaging systems.
- Worked on C++ codebase enhancements and bug fixes under supervision.
- Supported feature migration tasks across software versions.
- Performed testing and debugging to identify and resolve defects.
- Learned and followed industry-standard development practices and documentation processes.

EDUCATION

Bachelor of Computer Science

Ilahia College of Engineering and Technology, Ernakulam

APJ Abdul Kalam Technological University | 2017–2021

SKILLS

Front-End & Web: HTML5, CSS3, JavaScript, Bootstrap, Responsive Web Design

Frameworks & Backend: Django, REST APIs, Authentication & Authorization, RBAC

Programming Languages: Python, C++

Databases: SQLite, MySQL

Tools: Git, GitHub, Postman, Visual Studio, Eclipse, Vercel

Soft Skills: Communication, Problem Solving, Teamwork, Technical Documentation, Time Management

CERTIFICATIONS

- Python Django–React Full Stack Web Development – Luminar Technolabs
- Software Testing & C++ Programming – Alison
- Full Stack Web Development – Udemy

LANGUAGES

- English
- Malayalam