FADLULLAH MOHAMMED SIDDIQUI

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Professional Summary

Proactive and detail-oriented Computer Science & Engineering student specializing in full-stack development. Combines a strong academic foundation with hands-on experience in building, testing, and deploying scalable web applications from concept to production.

Work Experience

Software & Operations Associate – CurePharma Pharmacy   *Hyderabad*

- Led the digital transformation of pharmacy operations by developing and deploying a Flask-based Pharmacy Inventory Management System.
- Integrated modules for medicine stock tracking, expiry alerts, billing, and customer invoice management using MySQL and Bootstrap.
- Automated daily workflows, reducing manual record-keeping and improving billing accuracy by over 40%.
- Implemented WhatsApp Web API to send automated customer order details and reminders.
- Collaborated with pharmacists to optimize the UI/UX for smoother day-to-day operations and real-time sales monitoring.

Education

Muffakham Jah College of Engineering & Technology (MJCET) – Hyderabad   *2026*

B.E. in Computer Science & Engineering

CGPA: 7.0 (6th Semester)

Glendale Academy International

CBSE 12th

85%

Delhi School of Excellence, Attapur

CBSE 10th

91%

Volunteering & Leadership

Core Team Member – Google Developer Groups (GDG)

- Collaborated with peers to organize tech events, hackathons, and workshops on emerging technologies.
- Contributed to community initiatives promoting innovation and developer learning across campus.

Core Team Member – Microsoft Student Society (MSS)

- Assisted in planning and executing technical sessions, coding competitions, and mentorship programs.
- Actively engaged in fostering a culture of learning around Microsoft technologies and software development.

Certifications

TCS Ion NQT Certified (67%)

AWS Cloud Practitioner

Prompt Engineering

Business Communication & Email

Skills

Programming Languages: JavaScript (ES6+), TypeScript, Python
Web Development: React (Hooks, Context, Router), HTML5, CSS3 (Flexbox/Grid), State Management (Redux, Context API)
Backend: Flask, Node.js (Express, Fastify - learning), RESTful and GraphQL APIs
Databases: MySQL, PostgreSQL
Tools & Testing: Git, Docker (learning), CI/CD (GitHub Actions, Jenkins - planning), Webpack, Vite (learning)
Soft Skills: Problem-solving, Debugging, Communication, Feature Ownership, Collaboration, Mentoring, Planning, Adaptability

Projects

CurePharma X – Full-Stack Pharmacy Management Platform

- Engineered REST APIs with Flask and Python to handle all core business logic, including secure user authentication, inventory management, and order processing.
- Developed a responsive administrative dashboard in React for real-time data visualization, enabling staff to track low-stock items, manage expiring medicines, and view comprehensive sales reports.
- Built a dynamic customer webstore allowing users to browse products, manage their cart, and view purchase history, creating a seamless online retail experience.
- Automated the billing process with logic for GST calculations and discounts, and integrated the WhatsApp Web API to share digital invoices, enhancing customer engagement and reducing paper waste.
- Designed and managed the PostgreSQL database schema using SQLAlchemy, creating a centralized data source that simplifies data management and ensures consistency between the admin panel and the customer store.
- Deployed the application using modern CI/CD tools and workflow, with the Flask backend hosted on Render and the React frontend on Netlify, ensuring scalability and reliability.
- Gained hands-on experience in cloud deployments using Render and Netlify, aligning with modern cloud infrastructure practices for full-stack web applications.

Our Moments – Personal Bucket List Web App

- Built a responsive web app for users to create and track personal goals with photo memories.
- Implemented secure login and per-user data storage using Flask and SQLite.
- Designed a clean "To-Do / Done" interface with dynamic updates via JavaScript Fetch API.
- Integrated camera functionality to capture and attach images for completed goals.
- - Utilized ES6+ features such as arrow functions, destructuring, and async/await syntax to write modular and maintainable client-side code for responsive UI behavior.

AI Gmail Assistant – RAG-Based Email Copilot

- Built an AI-powered Gmail assistant using Python, Flask, and pgvector, integrated via a Chrome Extension.
- Designed a Retrieval-Augmented Generation (RAG) pipeline for contextual email understanding and natural language responses.
- Implemented semantic search and LLM-based generation to answer complex queries using the user's own email data.

Languages

English, Hindi, Urdu