

ZAHRA SHEFA

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PROFESSIONAL SUMMARY

Full Stack Engineer skilled in Python/Flask, PHP/Laravel, and JavaScript. Experienced building secure, scalable web applications using REST APIs, version control, unit testing, and agile methodologies.

TECHNICAL SKILLS

Python · PHP · JavaScript · HTML/CSS · Flask · Laravel · Git · REST · Auth/Encryption · Unit Testing · Agile

EXPERIENCE

Loan Management (Laravel) — Full Stack Dev, Norwalk, CT | Jun 2025–Present (Trainee at DAE)

- Built scalable CRUD platform with secure auth, DB schemas, and TDD.
- Integrated RESTful APIs and front-end components, improving user efficiency by 25%.

SecureCalc (Flask) — Software Engineer, Norwalk, CT | May–Jun 2025

- Developed secure calculator with session/user auth, validation, and encryption.
- Engineered encrypted sessions (Flask-Login) to safeguard sensitive computations.

Inventory System — Software Engineer, Norwalk, CT | Apr–Jun 2024

- Delivered real-time stock control with Flask backend and JS frontend.
- Implemented WebSocket notifications, cutting sync delay by 80%.

Patient Reg Tool — Software Engineer, Norwalk, CT | Dec 2023–Mar 2024

- Created Python app with auto ID, validation, exception handling, and unit tests.
- Achieved 90%+ test coverage, reducing production errors by 75%.

Quiz Platform — Front-End Dev, Norwalk, CT | May–Nov 2023

- Implemented responsive quiz app using HTML/CSS/JS; built scoring, timer, restart logic, reducing errors by 50%.

EDUCATION B.S. Computer Science, Kabul University | Mar 2008–Dec 2011

Coursework: Python, JavaScript, HTML/CSS, PHP, Java, C++, Flask, Laravel, SQL (MySQL), Assembly, CCNA 1–4, Network Security, Data Structures, Computer Architecture