



CONTACT

PHONE

+92 332 5932447

EMAIL

wasay2810@gmail.com

LOCATION

Rawalpindi, Pakistan

WEBSITE

abdulwasay.dev

LINKEDIN

linkedin.com/in/abdul-wasay-9922b6352

GITHUB

github.com/abdulwasay-77

SKILLS

LANGUAGES

Python, Java, C++, SQL / PL/SQL, JavaScript, TypeScript, Dart, x86 NASM

BACKEND & APIS

FastAPI, Express.js, REST, JWT, SQLAlchemy, Alembic, Prisma

FRONTEND

Flutter, React, Next.js, PyQt5

DATABASES

Oracle 21c, PostgreSQL, SQLite

AI / ML

Gemini, scikit-learn, TensorFlow / Keras

SECURITY

AES-256, JWT, bcrypt

TOOLS

Git, GitHub, Linux, Pytest, OOP

EDUCATION

BS Computer Science

University of Wah

Oct 2024 – Jul 2028 (expected)

CGPA 3.68 / 4.0

FSc Pre-Medical

F.G Science Degree College

2021 – 2023

906 / 1100 (82.3%)

CERTIFICATIONS

- AI Fluency: Framework & Foundations
- Introduction to Claude Cowork
- Claude 101
- Claude Code 101
- Claude Code in Action
- FlyRank AI Internship Certificate (Sep 2026)

ABDUL WASAY

Full-Stack & Cross-Platform Developer

Computer Science student (CGPA 3.68/4.0) building full-stack and cross-platform applications with Python, FastAPI, Flutter and React. Experienced in multi-tenant business platforms, JWT-secured REST APIs, AES-256 encryption and AI-integrated backends. Seeking software, backend or full-stack internships and junior roles.

EXPERIENCE

Web Development Intern, Redfort 360

Aug 2026 – Present

Wah Cantt, Pakistan · Company projects

Private repositories

Point of Sale Inventory System · React · Express · Prisma · PostgreSQL

- Multi-tenant POS with tenant-scoped Prisma access, JWT auth and dynamic role permissions with per-user overrides.
- POS checkout with barcode scanning, variants, batches and kits; FIFO cost lots, sale voids with refunds, credit and installments.
- Purchasing, warehouse transfers, payroll, expenses and PDF/Excel reports; passed 21/21 automated QA checks.

Ghar Ka Khana: Homemade Food Marketplace · React · Express · Prisma · PostgreSQL

- Multi-role marketplace for customers, home chefs, riders and admins with JWT and Google OAuth sign-in.
- Five-step chef onboarding with CNIC and kitchen-photo uploads, plus an admin approval and moderation suite.
- Location-based dish discovery, multi-seller cart safeguards, order tracking and verified reviews.

Backend AI Engineering Intern, FlyRank AI

Jul 2026 – Sep 2026

Capstone: Image Relevance & Auto-Tagging Engine

GitHub ›

- Built an async FastAPI backend (SQLAlchemy, Alembic, Neon PostgreSQL) that indexes an image corpus and suggests relevant images for blog posts.
- Implemented Gemini vision tagging and embedding search ranked by cosine similarity, with a mismatch guard and an AI-spend circuit breaker.
- Validated with 57 automated tests and 100% Top-1 precision on the evaluation set.

Freelance Application Developer, Upwork

Apr 2026 – Present

Freelance · Client projects

- Deliver cross-platform and web applications for clients using Python, Java, Flutter, React and Express.js.

UNIVERSITY SEMESTER PROJECTS

VaultX: AI-Powered Digital Vault

GitHub ›

Python · PyQt5 · FastAPI · SQLite · AES-256 · JWT

- Self-hosted three-tier vault (desktop client, REST API, database) shipped as a Windows installer.
- Backend AES-256 encryption with per-entry IVs, password health dashboard, encrypted backup and restore.

ASMVision: Assembly Language Visualizer

GitHub ›

x86-64 NASM · Python · ctypes · PyQt5

- x86-64 NASM backend compiled to a DLL (42 exported functions), driven from Python through a typed ctypes bridge.
- Two-pass MIPS parser and PyQt5 GUI with live registers, memory view, breakpoints and step execution.

DiagnoSight AI: Medical Diagnostic Assistant

GitHub ›

TensorFlow · Keras · ReportLab

- CNN pipeline for X-ray, MRI and CT images with confidence-scored predictions across 15+ conditions, plus PDF reports and an NLP chatbot.