Abdul Wahab

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Summary

Software Engineer building AI-powered products, voice agents, and backend systems with Python, FastAPI, TypeScript, and Go. Experience includes computer vision, LLM agents, automation, and SaaS, with an app used by more than 1,000 users. Takes products from prototype to deployment.

Work Experience

Polaris Labs — Islamabad, Pakistan
Lead Software Engineer — Nov 2025 – Present

- Co-founded a software company providing cybersecurity, networking, and automation solutions to government agencies and public-sector organizations.
- Presented software demos and technical proposals to representatives of Pakistani government organizations, including **SECP, SCO, and NTC**.
- Built TenderPK, an AI-powered SaaS platform that tracks tenders on Pakistan's PPRA portal and extracts eligibility criteria, deadlines, and requirements from RFP documents.
- Prototyped Steply, an AI platform that turns SOPs and procedure documents into training videos with automated voiceover in minutes.

Quest — Islamabad, Pakistan
Software Engineer — Jan 2025 – Oct 2025

- Built a real-time exam-proctoring platform using YOLO and a full-stack web application, reducing manual monitoring effort by 80%.
- Added simultaneous webcam and mobile-camera streaming so exams could be monitored from multiple angles.
- Built an AI interview platform with video calls, real-time voice agents, and NLP-based candidate evaluation.
- Enabled HR teams to upload résumés, create reusable interview templates, and run AI-led interviews, contributing to a 10% reduction in time-to-hire.
- Developed a mobile study app that uses AI to generate quizzes, flashcards, and lecture summaries, reducing reported study-preparation time by 40%.

Huawei — Islamabad, Pakistan
Data Analytics and Automation Intern — Jun 2024 – Aug 2024

- Built automated dashboards showing live project status, reducing manual reporting effort by 60%.
- Used UiPath RPA to automate data extraction and processing for the analysis of large telecom datasets.
- Built an email-reminder workflow that identified overdue tasks and automatically notified subcontractors.

Extravis — Islamabad, Pakistan
Python Intern — Jun 2023 – Aug 2023

- Evaluated database-monitoring tools and built Python workflows to collect and analyze performance metrics from multiple database systems.

Education

FAST NUCES — Islamabad, Pakistan
Bachelor of Science in Computer Science — 2021 – 2025
Relevant Coursework: Generative AI, Distributed Data Engineering, Cloud Computing, Software Product Management

Projects

Gemini Chat Organizer ↗

- Built and published a Chrome extension for organizing Gemini conversations with folders, drag-and-drop management, and a reusable prompt library.
- Grew the extension to more than **1,000 users with a 4.4-star** Chrome Web Store rating.

Explore Pakistan ↗

- Built an interactive bilingual travel map featuring more than 170 Pakistani destinations, city filters, Urdu and English labels, and privacy-friendly local analytics.

Blokd ↗

- Developed a macOS menu-bar productivity application featuring drag-to-schedule time blocks, recurring schedules, productivity heatmaps, and offline-only storage.

Skills

Languages: Python, JavaScript/TypeScript, Go, Dart, Swift
AI/ML: LLM Agents, ElevenLabs, LangChain, OpenAI Realtime, YOLO
Frameworks: FastAPI, Next.js, React, Flutter, Swift UI
Data and Infrastructure: PostgreSQL, Supabase, Docker, Redis, WebSockets