

Abbas Hasnain

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SKILLS

Languages: Dart, PHP, JavaScript, HTML, CSS, SQL, C++

Mobile Development: Flutter, Firebase, Firestore, Firebase Authentication, Firebase Storage

Web Development: PHP, MySQL, phpMyAdmin, React, Next.js

CMS & Tools: WordPress, Elementor, Git, GitHub, Arduino, ESP32

Concepts: Full Stack Development, Admin Panels, POS Systems, E-Commerce, Authentication, PDF Generation, IoT

WORK EXPERIENCE

Private Tutor Oct 2025 – Present

Self-Employed

- Providing one-on-one private tutoring to a Class 6 Beaconhouse School student covering all core subjects including Mathematics, Science, and English.
- Responsible for explaining concepts clearly, assisting with homework, and monitoring academic progress consistently.
- Developed strong communication, patience, and mentoring skills through regular structured teaching sessions.

Vertex Agency, Karachi Aug 2024 – Sep 2024

PHP Developer Intern

- Developed and maintained web applications using PHP and MySQL in a professional team environment.
- Gained hands-on experience working with real client projects, meeting deadlines, and collaborating within team workflows.
- Assisted in backend development, database management, and debugging of existing systems.

Co-Founder – Print on Demand Business 2023 – 2024

Self-Employed

- Co-founded a small e-commerce business selling custom hoodies, shirts, and phone cases.
- Managed vendor relationships, customer communications, and Facebook advertising campaigns.
- Gained practical experience in business operations, inventory management, and digital marketing.

PROJECTS

- **Point of Sale (POS) System (PHP, MySQL):** Built a complete wholesale POS system for a paint business featuring real-time stock management, invoice generation with payment tracking (paid/unpaid/partial), supplier management, purchase orders, sales and stock reports, and a full admin dashboard with revenue metrics. **Live Demo:** com-ingsaas.abbashabibi.com (Username: demo, Password: 123456)
- **E-Commerce Platform (PHP, MySQL):** Developed a multi-tier e-commerce platform with admin, dealer, employee, and customer roles. Features include product catalog management, order processing with multiple payment methods, dynamic category filtering, and role-based access control.
- **Invoice Management System (PHP, MySQL):** Created a specialized invoicing solution for an import-export business supporting sales tax invoices and receipts with complex trade fields (IGM, GST, ACD, import duty), PDF export, print formatting, and light/dark mode theming.
- **Bookstore App (Flutter, Firebase):** Built a full-featured mobile e-commerce app with Google and email authentication, password strength validation, Firestore database, Firebase Storage, shopping cart, and an admin panel for book and category management.
- **City Guide App (Flutter, Firebase):** Developed a location-based discovery app featuring category-based navigation (mountains, hotels, restaurants), real-time coordinate display, search functionality, and an admin panel for managing cities, provinces, and locations.
- **Security System – Habib University Winter Camp (Arduino, ESP32):** Collaborated in a team to build a hardware security system using ESP32 microcontroller, ultrasonic sensors, servo motors, and buzzers combining hardware and software integration.
- **Tahira Syndicate – Business Website (Next.js, CRM Backend) [In Progress]:** Building a full business website with a companion CRM backend for a Karachi-based wholesale and manufacturing business (plastics, nets, ropes), including product/category management and SEO-focused catalog pages. Repository is currently private; will be

live on a custom subdomain soon.

- **Student Carpool System (Web App) [In Progress]:** Personal project (no official affiliation with FAST University) – developing a carpool coordination platform for FAST students to arrange and share rides. Repository is currently private; will be deployed on a custom subdomain soon.

EDUCATION

Aptech Computer Education – Karachi (North Nazimabad) 2023 – Oct 2025

Higher Diploma in Software Engineering | Grade: Credit [\[View Certificate\]](#)

Covered: Backend Development, Databases, Mobile App Development (Flutter, Dart, Firebase), PHP, MySQL, Word-Press.

Highbrow College, Karachi 2024 – 2026

A-Levels – Mathematics, Physics, Computer Science

The Academy, Karachi Completed 2024

O-Levels

AWARDS & CERTIFICATES

- **Project of the Month – Flutter** | Aptech North Nazimabad | December 2024 [\[View Certificate\]](#)
Awarded for outstanding performance in Flutter project at Aptech North Nazimabad Centre.
- **Codathon 2024 – Certificate of Appreciation** | 2024 [\[View Certificate\]](#)
Recognized for achievements in participating in Codathon 2024, a competitive coding event organized by Toloba ul Kulliyat il Mumnoon Saleh Mohallah.
- **Winter Camp Participant** | Habib University, Karachi
Selected to participate in a hands-on IoT and software integration camp, building a fully functional ESP32-based security system.
- **Other Certificates** [\[View Certificate\]](#)
Additional certificate of participation/achievement earned alongside coursework.