



# AFZAL HABIB

## Full Stack Developer

⊕ <https://afzalhabib.vercel.app/>

📞 +92 323 1103430 ✉ afzalhaabib786@gmail.com 🗺 Harbanspura, Lahore, Pakistan

🌐 <https://www.linkedin.com/in/afzal-habib-5298a0272/> 🗃 <https://github.com/afzalhabibi>

**Results-driven Full Stack Developer** with 3+ years of experience architecting and delivering scalable web and mobile solutions. Expert in MERN stack, Next.js, and enterprise application development with proven success in building ERP systems, e-commerce platforms, and real-time applications. Committed to clean code architecture, performance optimization, and delivering exceptional user experiences.



## PROFESSIONAL EXPERIENCE



### Senior Full Stack Developer

Deplic (Digi Era Pro) · Lahore

Sep 2025 - Present

- Lead development of enterprise ERP/CRM system with 13+ integrated modules
- Implemented real-time communication(whatsapp and slack inspired) using Supabase WebSockets
- Managed 9-stage workflow from lead generation to project completion
- Architected multi-tier authentication with 2FA and role-based access control



### Full Stack Developer

Devgiant · Lahore

Apr 2024 - Sep 2025

- Built scalable e-commerce platforms with Squareup & Shippo integration
- Designed inventory systems with real-time stock tracking and analytics
- Implemented Real estate websites with advanced filtering
- Architected secure RESTful APIs with Node.js & Express.js
- Developed cross-platform mobile apps using React Native & Expo



### Frontend Developer

Heapware · Lahore

Sep 2023 - Mar 2024

- Developed responsive web applications using React.js and modern CSS
- Created real estate websites with advanced filtering capabilities
- Optimized frontend performance and SEO for better user experience



### Development Intern

Ideoversty · Faisal Town, Lahore

Jun 2023 - Aug 2023

- Built frontend projects using JavaScript, Bootstrap, and Git version control
- Collaborated with senior developers to learn best practices in web development
- Build many Template Based Projects like "Portfolio Website", "Business Website", and "E-Commerce Website"



## CORE COMPETENCIES

Full Stack Development

System Architecture

API Design

Database Design

Real-time Applications

Mobile Development

Payment Integration

Authentication Systems



## EDUCATION

### BS Software Engineering

Virtual University of Pakistan  
2021 - 2025

### ICS (Computer Science)

Faizaia Inter College  
2019 - 2021

## CERTIFICATIONS

### MERN Stack

House of Professional · Mar 2022

### Frontend Development

Ideoversty · Sep 2022

### Backend Development

UET Lahore · Jan 2023

## LANGUAGES

English

Professional

Urdu

Native

Punjabi

Native

## TOOLS

Git

GitHub

GitLab

VS Code

Postman

Figma

Vercel

## TECHNICAL SKILLS

### FRONTEND DEVELOPMENT

#### Languages & Core

HTML5, CSS3, JavaScript (ES6+), TypeScript  
*Expert • 3 years experience*

#### Frameworks & Libraries

React.js, Next.js, Redux Toolkit, Context API  
*Expert • 3 years experience*

#### Styling Frameworks

Tailwind CSS, Bootstrap, Styled Components  
*Expert • 3 years experience*

#### Animation & Motion

Framer Motion, GSAP, Lenis, CSS Animations  
*Advanced • 3 years experience*

#### State Management

Redux, Redux Toolkit, Context API  
*Advanced • 3 years experience*

### BACKEND DEVELOPMENT

#### Runtime & Frameworks

Node.js, Express.js, Core PHP, REST APIs  
*Advanced • 3 years experience*

#### Authentication & Security

JWT, NextAuth.js, OAuth2, SHA-1 , bcrypt, 2FA  
*Advanced • 2 years experience*

#### Real-time Communication

Socket.io, WebSockets, Supabase Realtime  
*Advanced • 2 years experience*

#### API Development

RESTful APIs, Middleware, Validation , Error Handling  
*Advanced • 2 years experience*

### DATABASE & STORAGE

#### NoSQL Databases

MongoDB, MongoDB Atlas, Aggregation Pipelines  
*Advanced • 2 years experience*

#### SQL Databases

MySQL, PostgreSQL, Complex Queries, Optimization  
*Advanced • 3 years experience*

#### ORM & BaaS

Prisma ORM, Supabase, Mongoose ODM  
*Advanced • 2 years experience*

### MOBILE DEVELOPMENT

#### Cross-Platform Framework

React Native, Expo, EAS Build, OTA Updates  
*Advanced • 2 years experience*

#### Navigation & Storage

React Navigation, Redux  
*Advanced • 2 years experience*

#### Native Features

Camera, Push Notifications, Deep Linking  
*Advanced • 2 years experience*

### THIRD-PARTY INTEGRATIONS

#### Payment Gateways

Squareup,Stripe, Webhooks,  
*Advanced • 2 years experience*

#### Cloud Services

AWS S3, CDN, Google APIs, SendGrid, AWS SES  
*Advanced • 2 years experience*

#### Shipping & Email

Shippo,SendGrid, AWS SES , Email Templates,  
Automation  
*Advanced • 2 years experience*

### DEVOPS & TOOLS

#### Version Control

Git, GitHub, GitLab, Branching Strategies  
*Expert • 3 years experience*

#### Deployment & CI/CD

Vercel, Digital Ocean, GitHub Actions  
*Advanced • 3 years experience*

#### Design & Documentation

Figma, Postman, Technical Writing , Promt Engineering  
*Advanced • 3 years experience*

## KEY PROJECTS

### **Depllc ERP/CRM System (Not Public)**

Sep 2025 - Jan 2026

#### **Lead Full-Stack Developer & System Architect**

Enterprise-grade ERP/CRM with 13+ modules including lead management, project tracking, real-time communication, and role-based permissions for complex business workflows.

**Next.js** **TypeScript** **MongoDB** **Supabase** **Redux Toolkit** **AWS S3** **Socket.io**

- › Architected complete system with 13+ interconnected modules
- › Implemented multi-tier authentication with 2FA for admin and employees
- › Built dynamic role management system with hierarchical permissions
- › Developed 9-stage workflow process from lead to project completion
- › Integrated Supabase for real-time communication and notifications
- › Implemented secure file storage with AWS S3 and document version control
- › Designed client portal for project visibility and communication

### **E-Commerce Platform (MERN Stack) (<https://pg-shop.cognitivebeam.com/>)**

Jul - Aug 2025

#### **Full-Stack Developer**

Full-featured e-commerce solution with product catalog, shopping cart, secure checkout, and admin dashboard for inventory management.

**React** **Node.js** **Express.js** **MongoDB** **Squareup** **Shippo** **Redux**

- › Developed complete user authentication system with JWT
- › Built responsive product listing with search and filtering
- › Implemented shopping cart with session persistence
- › Integrated Squareup payment gateway for secure transactions
- › Created admin dashboard for product and order management
- › Built order history and tracking system

### **Inventory Management System (Not Public)**

Mar - Jul 2025

#### **Full-Stack Developer**

Comprehensive inventory tracking with supplier management, automated alerts, and role-based access control.

**MERN** **MySQL** **Prisma ORM** **Bootstrap** **Socket.io** **JWT**

- › Designed and implemented complete database schema
- › Built inventory tracking system with real-time updates
- › Developed automated low-stock alert system
- › Implemented comprehensive reporting with export functionality
- › Built role-based access control for different user levels
- › Created audit logging for inventory transactions

### **Point of Sale (POS) System (Not Public)**

Jan - Feb 2025

#### **Full-Stack Developer**

Professional POS for retail with fast checkout, barcode support, invoice generation, and sales analytics.

**Core PHP** **MySQL** **JavaScript** **Bootstrap** **TCPDF**

- › Developed fast and responsive sales processing interface
- › Implemented product management with product reciepies
- › Built automated invoice generation with PDF export
- › Implemented sales analytics and reporting dashboard

## ADDITIONAL PROJECTS

### E-Commerce Mobile App (Not Public)

Jul - Sep 2024

Mobile Developer

Cross-platform shopping app with product catalog, cart, and secure payment processing.

**React Native** **Expo** **Redux**

- › Developed cross-platform app for iOS and Android
- › Implemented smooth navigation with React Navigation
- › Built product catalog with infinite scroll
- › Created shopping cart with persistent storage
- › Integrated secure payment processing
- › Implemented push notifications for order updates
- › Optimized performance for smooth user experience
- › Built user profile and order history features
- › Developed search and filtering functionality
- › Created wishlist and favorites feature

### Inventory Mobile App (Not Public)

May - Aug 2025

Mobile Developer

Mobile inventory management with barcode scanning and offline-first architecture.

**React Native** **Expo** **Redux**

- › Developed cross-platform mobile app with React Native
- › Implemented barcode scanning with Expo Camera
- › Built offline-first architecture with SQLite
- › Created real-time stock tracking system
- › Developed supplier management module
- › Implemented automated low-stock alerts
- › Built comprehensive reporting with export functionality
- › Created data synchronization mechanism
- › Implemented user authentication and role-based access control
- › Built user profile and order history features

### Real Estate Website (Not Public)

Sep - Dec 2024

Frontend Developer

Modern property showcase with advanced filtering, image galleries, Google Maps integration, and SEO optimization.

**HTML5** **CSS3** **JavaScript** **Bootstrap** **Figma**

- › Designed and developed fully responsive layout
- › Implemented advanced property filtering system
- › Created interactive image galleries with lightbox
- › Integrated Google Maps for property locations
- › Built contact forms with validation
- › Optimized images and performance for fast loading
- › Implemented SEO best practices
- › Collaborated with designers using Figma

## MORE PROJECTS

### **CE Prop Real Estate Website (<https://www.ceprop.co.za>)**

2024

#### Frontend Developer & Backend Integration

Comprehensive real estate platform with property listings, agent management, and enquiry forms

**Bootstrap** **EJS** **JavaScript** **CSS3** **HTML5** **Font Awesome** **Node.js** **Express.js**

- › Developed complete frontend using Bootstrap from scratch
- › Implemented responsive navigation with dropdown menus
- › Created dynamic property grid pages with filtering
- › Built agent listing and profile pages
- › Integrated enquiry forms for property sales/rentals
- › Ensured cross-browser compatibility and mobile responsiveness

### **Pentz Properties Real Estate Website (<https://www.pentzproperties.com/>)**

2024

#### Frontend Developer & Backend Integration

Professional real estate platform with property search, sold listings, and comprehensive tools

**Bootstrap** **EJS** **JavaScript** **CSS3** **HTML5** **Font Awesome** **Node.js** **Express.js**

- › Developed complete frontend using Bootstrap from scratch
- › Implemented property search with sale and rental categories
- › Created sold properties tracking page
- › Built tools section with calculators and property listing forms
- › Developed news section with email newsletter integration

### **To Be Real Estate Website (<https://www.toberealestate.com/>)**

2024

#### Frontend Developer & Backend Integration

Advanced real estate platform with comprehensive property categories and interactive features

**Bootstrap** **EJS** **JavaScript** **CSS3** **HTML5** **Font Awesome** **Node.js** **Express.js**

- › Developed complete frontend using Bootstrap from scratch
- › Implemented complex multi-level navigation with sub-menus
- › Created property category pages (Buy, Sell, Rent, Commercial, Off-Plan)
- › Built interactive sub-menu with images and contact links
- › Developed team section with agent grid and studio information
- › Created responsive design with custom styling and Font Awesome icons

### **Buildwise Estimators Website (<https://buildwise-estimators.com/>)**

2024

#### Frontend Developer

Professional construction estimating website with service listings, project portfolios, and contact forms

**HTML5** **CSS3** **JavaScript** **GSAP** **Font Awesome** **Tawk.to**

- › Developed complete frontend using HTML5 and CSS3 from scratch
- › Integrating Tawk.to live chat functionality
- › Implemented responsive navigation with mobile hamburger menu
- › Developed about, testimonials, and footer sections
- › Implemented GSAP animations for smooth user experience
- › Ensured cross-browser compatibility and mobile responsiveness