

Bushra Firdous

Senior Software Developer — Web & Full Stack (PHP • Laravel • Python)

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Portfolio: <https://bushra-portfolio-7v7q5jnt6-bushra-firdous-projects.vercel.app>

PROFESSIONAL SUMMARY

Senior Software Developer with **9+ years** of experience designing and delivering production-grade systems across **healthcare (DICOM), national-scale healthcare pricing platforms, enterprise survey systems, CRM and ERP**. Strong expertise in **PHP (Laravel, CakePHP)**, Python-based ETL, MySQL and RESTful APIs. Experienced in building **large-scale data ingestion pipelines, canonical data models, storage-optimized architectures and search-focused systems**. Known for owning complex features end-to-end and delivering reliable, scalable solutions in regulated healthcare and enterprise environments.

TECHNICAL SKILLS

Languages & Frameworks: PHP, Laravel, CakePHP, CodeIgniter, Python, JavaScript

Backend & APIs: REST APIs, JSON, MVC Architecture

Databases & Storage: MySQL, Query Optimization, Indexing, Parquet

Data & ETL: Streaming & Batch ETL, Canonical Data Modeling, File Parsing (CSV/JSON/ZIP)

Healthcare: DICOM Integration, Diagnostic Systems

Tools: Git, SVN, Jira, VS Code, CI/CD (Jenkins, GitHub Actions)

PROFESSIONAL EXPERIENCE

Hesten Solutions — Senior Software Developer

January 2025 – Present | Nagpur, India

Project: MidCost — Nationwide Healthcare Pricing Platform

Designed and built a healthcare price-transparency platform that ingests hospital MRF files published nationwide. Architected a multi-layer ETL system with lossless staging, canonical atomic pricing models (hospital × service × payer × plan × price type) and aggregated serving layers for analytics and search. Implemented Python-based ETL pipelines, optimized storage using Parquet on object storage, and enabled fast, comparable procedure-level pricing search across hospitals.

Project: DICOM Diagnostic Integration

Developed a Windows-installable Python DICOM receiver integrated with a Laravel-based diagnostic web system. Built clinician-facing dashboards for imaging records, patient data, search and reporting, with secure role-based access and scalable architecture to support diagnostic workflows.

Great Place IT Services (GPIT) — Senior Software Developer

April 2021 – July 2024 | Nagpur, India

Led development of enterprise survey and culture-audit platforms (India List, India CA, India CAE). Owned backend APIs, survey delivery, reporting workflows and MIS dashboards. Worked on **QaizenX**, a multi-channel experience-management platform supporting Email, WhatsApp, SMS and QR-based surveys with enterprise reporting and insights.

Great Place IT Services (GPIT) — Software Developer

July 2018 – March 2021 | Nagpur, India

Contributed to early versions of survey and analytics platforms, implementing backend modules, integrations and reporting features. Built scalable APIs and supported data ingestion pipelines for organization-level survey programs.

E-Whiz Solutions Pvt. Ltd. — Software Developer

July 2016 – June 2018 | Nagpur, India

Built CRM, accounting and HRMS systems using Core PHP and CodeIgniter. Developed payroll modules, business dashboards and backend workflows, focusing on stability, performance and usability for small and medium enterprises.

Xceller IT & Learning Solutions — Trainee Software Engineer

September 2015 – March 2016 | Nagpur, India

Worked on WordPress and PHP projects, handled QA, cross-browser fixes, hosting setup and performance monitoring while supporting senior developers during client deliveries.

EDUCATION & CERTIFICATIONS

M.Tech — Electronics & Communications, RTM Nagpur University (2016)

B.E — Electronics & Tele Communications, RTM Nagpur University (2014)

Diploma — Electronics & Tele Communications (2011)

PG Certificate — Cyber Security Management & Data Science, IIM Nagpur (Pursuing)

PHP Certification — Xceller IT & Learning Solutions

ACHIEVEMENTS

- Key Contributor Award — FY 2021–22 (company-level recognition).
- Led teams to victory at GPIT Annual Learning Conference (2022 & 2023).
- Delivered multiple production-grade healthcare and enterprise systems used by operations teams.