



**PURCHASE CELL**  
DIRECTORATE GENERAL HEALTH SERVICES  
PUNJAB  
24-COOPER ROAD, LAHORE



**Health & Population Department**

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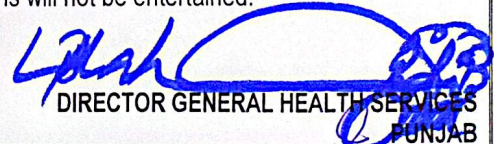
**HEALTH & POPULATION DEPARTMENT  
GOVERNMENT OF THE PUNJAB**

**JOB OPPORTUNITY AT DIRECTORATE GENERAL HEALTH SERVICES PUNJAB**

Directorate General Health Services, Punjab, invites applications from qualified and experienced individuals domiciled in the Punjab, for Six months extendable on satisfactory performance under Punjab Procurement Rules, 2014.

Sr. #	Name of the Post	No. of Posts	Qualification
1	Senior Software Developer / Engineer	01	<ul style="list-style-type: none"><li>• Bachelor's degree in Computer Science, Software Engineering, or related field</li><li>• Master's degree in Data Science or related field preferred</li><li>• Minimum 2-3 years of experience in cloud infrastructure management</li><li>• 6-7 years of experience in software development and system implementation</li><li>• Proven experience with (HMIS/EMR)</li><li>• Experience with cloud platforms (Azure, AWS, GCP)</li><li>• Hands-on experience with Infrastructure as Code (Terraform)</li><li>• Experience with CI/CD pipelines and DevOps practices</li></ul>
2	Software Developer /Engineer	02	<ul style="list-style-type: none"><li>• Bachelor's degree in Computer Science, Software Engineering, or related field</li><li>• Master's degree in Data Science or related field preferred</li><li>• Minimum 2-3 years of experience in cloud infrastructure management</li><li>• 3-5 years of experience in software development and system implementation</li><li>• Proven experience with (HMIS/EMR)</li><li>• Experience with cloud platforms (Azure, AWS, GCP)</li><li>• Hands-on experience with Infrastructure as Code (Terraform)</li><li>• Experience with CI/CD pipelines and DevOps practices</li></ul>

1. The hiring/recruitment/selection will be made strictly on a merit basis in accordance with the rules and selection criteria.
2. Detailed terms of reference (TORS), qualifications, experience details, and application forms are available at (DGHS).
3. Only shortlisted candidates will be called for an interview.
4. No TA/DA shall be paid for the interview.
5. Consultancy fee is negotiable.
6. The application should clearly indicate the nature of the consultancy applied for one side of envelope along with curriculum vitae (CV), 01 passport size photograph, and attested copies of all relevant documents, copy of domicile, CNIC/Certificate/Degree.
7. The interested individual consultants having expertise in above mentioned fields may submit their CVs along with supporting documents in the office of the Directorate General Health Services, Punjab, 24 Cooper Road Lahore within 3 days during office hours, Late and Incomplete applications will not be entertained.

  
DIRECTOR GENERAL HEALTH SERVICES  
PUNJAB

24-Cooper Road Lahore

# Senior Software Engineer

Full-time · Hybrid / On-site  
Senior · 7+ Years Experience

Health Tech / MIS · Rapid Delivery · AI-First Culture

## ABOUT THE ROLE

We need a technically sharp Senior Engineer to lead system design and delivery across our web and mobile platforms, set architectural direction, and mentor the team — all within a fast-moving, AI-augmented environment building health-sector MIS products.

## TECH STACK

Next.js	React	Flutter	.NET / C#
REST APIs	SQL / T-SQL	PostgreSQL	CI/CD

## KEY RESPONSIBILITIES

- Lead system architecture and technical design across the full stack
- Define and own data models, schema design, and database architecture
- Deliver features across web (Next.js/React) and mobile (Flutter)
- Lead backend API and service development in .NET
- Drive rapid iteration — design, build, test, ship, improve
- Own MIS modules: reporting, data pipelines, dashboards
- Use AI tools as a core part of the engineering workflow
- Lead code reviews and enforce engineering standards
- Collaborate with product, clinical, and operations teams
- Mentor mid-level engineers on the team

## WHAT YOU BRING

- 7+ years of professional software engineering experience
- Strong background in system design and software architecture — APIs, services, data flows, and scalability patterns
- Deep SQL expertise: query optimisation, indexing strategies, stored procedures, and schema design
- Hands-on experience with relational databases (SQL Server, PostgreSQL, or equivalent) in production environments
- Proven delivery of MIS or enterprise systems, preferably in healthcare
- Strong proficiency in Next.js or a React-based framework
- Flutter mobile development experience (iOS & Android)
- Solid .NET / C# backend skills across APIs, services, and data layers
- Track record of delivery in Agile or fast-paced environments

## MUST-HAVE: AI PROFICIENCY

Cursor	Windsurf	GitHub Copilot	OpenAI Codex
LLM APIs			

- Uses AI coding assistants (Cursor, Windsurf, Codex, Copilot) as a core daily workflow — not occasionally
- Able to drive full feature pipelines with AI: spec → scaffold → test → deploy
- Understands LLM fundamentals: tokenization, context windows, prompting, RAG, and fine-tuning concepts
- Can critically review AI-generated code, catch hallucinations, and apply sound judgement before merging
- Comfortable integrating LLM APIs (OpenAI, Anthropic, etc.) directly into product features

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**NICE TO HAVE**

<b>HL7 / FHIR</b>	<b>Healthcare MIS</b>	<b>EMR integrations</b>	<b>TypeScript</b>
<b>Redis</b>	<b>GraphQL</b>	<b>Terraform / IaC</b>	<b>Azure</b>
<b>AWS</b>			

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**Salary: 450,000 (PKR)**

# Software Engineer

Full-time · On-site  
5+ Years Experience

Health Tech / MIS · Rapid Delivery · AI-First Culture

## ABOUT THE ROLE

We have two open positions for Software Engineers who thrive in fast-moving, delivery-focused environments. You will build and maintain features across our web and mobile platforms, contribute to our health-sector MIS products, and embrace an AI-augmented way of working. You'll work closely with the Senior Engineer and wider product team to ship high-quality software quickly and iteratively.

## TECH STACK

Next.js REST APIs	React SQL	Flutter Git / GitHub	.NET / C# CI/CD
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## KEY RESPONSIBILITIES

- Develop and maintain features on web (Next.js/React) and mobile (Flutter) applications
- Build and integrate .NET backend services and APIs
- Participate in and contribute to rapid development cycles — sprint delivery, demos, quick pivots
- Support MIS modules: data entry forms, reporting views, user management, and dashboards
- Write clean, testable, well-documented code
- Use AI-assisted tools to accelerate coding, testing, and debugging
- Participate in code reviews and flag technical concerns early
- Communicate proactively with the team on blockers and progress

## WHAT YOU BRING

- 5+ years of professional software engineering experience
- Hands-on experience with MIS or enterprise business systems, health sector preferred
- Comfortable working in Next.js / React for frontend delivery
- Flutter development experience for cross-platform mobile apps
- .NET backend knowledge — building services, working with databases, writing APIs
- Ability to work independently and take ownership of feature delivery
- Strong debugging skills and attention to detail
- Comfortable working under time pressure without compromising code quality

## MUST-HAVE: AI PROFICIENCY

Cursor LLM basics	Windsurf	GitHub Copilot	Codex
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- Regularly uses at least one AI coding assistant (Cursor, Windsurf, Copilot, or Codex) in development
- Can use AI tools to plan, scaffold, write, test, and debug code — not just autocomplete

- Has a working understanding of how LLMs generate responses, their limitations, and where they can mislead
- Able to write effective prompts that produce reliable, safe-to-ship code
- Comfortable critically reviewing AI-generated output before committing

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**NICE TO HAVE**

Healthcare domain  
knowledge

HL7 / FHIR

TypeScript

Unit & integration testing

Agile / Scrum

Azure / AWS basics

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Salary: 350,000 (PKR)