

SARANG

SOFTWARE DEVELOPER

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Gulshan-e-Iqbal - Block-19, Karachi, Pakistan

Professional Summary

Computer Systems Engineering graduate with hands-on experience building desktop and full-stack applications. Currently working as an AI Intern at the Sindh High Court, Karachi, applying LLMs and machine learning to real-world workflows, following a year as a Software Developer at The Bit Matrix working with .NET and Python. Skilled in C#, .NET (WPF/WinForms/Avalonia), Python, SQL, TypeScript, and modern web technologies, with a strong foundation in software design, databases, and problem-solving. Passionate about building reliable, high-quality software solutions and continuously expanding technical expertise.

Technical Skills

Languages:	C#, Python, JavaScript, TypeScript, PHP, Kotlin, SQL
Frontend:	React.js, Next.js, HTML5, CSS3, Tailwind CSS
Backend:	.NET / ASP.NET, Node.js, REST APIs, Entity Framework, Supabase
Desktop & Mobile:	Avalonia UI, WPF, WinForms / WebForms, Flutter, Android (Kotlin)
Databases:	MySQL, MS SQL, PostgreSQL
AI / ML:	LLMs, Prompt Engineering, RAG, PyTorch, Keras, OpenCV, Deep Learning
Tools:	Git & GitHub (VCS), Linux, Cloudflare, Claude Code, VS Code, MS Office

Experience

AI Intern Aug 2026 - Present
Sindh High Court — Karachi, Pakistan

- Work on AI initiatives using Large Language Models (LLMs) and machine learning to support the court's digital transformation efforts.
- Explore and prototype LLM-based solutions for document processing, search, and summarisation of legal records.
- Assist in data preparation, model evaluation, and testing to ensure accurate and reliable outputs.

IT Assistant (Part-time) Aug 2026 - Present
GSSLA — Karachi, Pakistan

- Provide day-to-day IT support, including hardware, software, and network troubleshooting for staff.
- Maintain and update digital records and internal systems to keep data accurate and accessible.
- Support routine technical operations and assist users with software tools and office systems.

Software Developer Aug 2025 - Jul 2026
The Bit Matrix — Karachi, Pakistan

- Built a School Management System with .NET and MySQL, migrating it from WinForms to a cross-platform Avalonia desktop app with a web portal.
- Built Box Autopart, a WPF inventory, sales and eBay-integrated management system for auto salvage businesses.
- Implemented data operations with Entity Framework and stored procedures to improve record handling and ensure reliable data management.
- Worked across the .NET and Python stacks on feature development, bug fixes, and testing, collaborating with the team to deliver projects on requirement.

Projects

- **Northline Footwear E-commerce Website** — JavaScript, Cloudflare, Supabase, PostgreSQL | **Live**
- **Brew You. Café Ordering Web App (PWA)** — JavaScript, PWA, Supabase, Cloudflare | **Live**
- **School Management System** — C#, .NET, Avalonia UI, WinForms, MySQL, Next.js | **Portfolio**
- **Box Autopart Desktop App with eBay Integration** — C#, .NET (WPF), MySQL | **Portfolio** | **GitHub**
- **FraudShield Cyber Awareness Website** — Next.js, React, TypeScript, Tailwind CSS, Node.js | **Live** | **GitHub**
- **TravelAround (UK) Desktop Application** — C#, .NET (WinForms), MySQL | **Portfolio** | **GitHub**
- **E-commerce Full-Stack Website** — HTML/CSS, JavaScript, PHP, MySQL | **Portfolio**
- **Pizza Shop Full-Stack Website** — HTML/CSS, JavaScript, PHP, MySQL | **Portfolio**

- **Weather Forecasting Android Application** — *Kotlin (Android Studio)* | **Portfolio**
- **Offline Signature Verification with Blockchain** (FYP) — *Python (ML), PyTorch, Solidity, Kotlin* | **Portfolio**

Education

Quaid-e-Awam University of Engineering, Science & Technology	2021 – 2025
<i>Bachelor of Engineering — Computer Systems Engineering</i>	CGPA: 3.65 / 4.00
Govt. Boys Degree College, Larkana	2019 – 2021
<i>Intermediate — Pre-Engineering</i>	85.82% — A1
Govt. Saint Joseph High School, Larkana	2017 – 2019
<i>Matriculation — Science</i>	75.29% — A

Certifications

- **AI Fluency: Framework & Foundations** — Anthropic | **Verify**
- **Claude Code 101** — Anthropic | **Verify**
- **Claude 101** — Anthropic | **Verify**
- **AI For Everyone** — DeepLearning.AI | **Verify**
- **Introduction to Git and GitHub** — Google | **Verify**
- **Cyber Security & Ethical Hacking** — PITP | **Verify**