Ahmad Hassan

Software Engineer

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EDUCATION

MNS-University of Agriculture, Multan — Sep 2023 – Sep 2027
Bachelor of Science in Computer Science – CGPA: 3.6/4.0 — *Multan, Punjab*

Government Milat Graduate College, Multan — Apr 2021 – May 2022
Intermediate in Computer Science (ICS) – 90% — *Multan, Punjab*

EXPERIENCE

VieroMind - Full Time — Oct 2025 – Present
Software Engineer — *Lahore, Punjab*

- Designed and developed scalable full-stack systems using T3 Stack: Next.js, TypeScript.
- Integrated AI/ML and NLP-driven features into production workflows to enhance personalization and engagement.
- Built and maintained APIs, databases, and CI/CD pipelines with a focus on performance, security, and scalability.

DigiStartUp - Internship — Mar 2024 – June 2024
MERN Developer — *Multan, Punjab*

- Developed full-stack web features using the MERN stack, enhancing website functionality and performance.
- Worked closely with team members in a fast-paced startup environment, strengthening problem-solving and collaborative development skills.

PROJECTS

SehatScan ↗ — Dec 2025

- Built a multi-modal health analysis platform generating personalized risk reports from medical documents and facial scans.
- Implemented AI pipelines for OCR and metric classification covering **15+ conditions** with severity mapping.
- **Tech Stack:** Next.js 16, React 19, TypeScript, Prisma, PostgreSQL (Supabase), Redis, Gemini Vision, Pinecone.io

HyprFlux ↗ — Jau 2025

- Developed a production-grade Hyprland desktop environment for Arch Linux with curated dotfiles and developer workflows.
- Shipped a one-line installer enabling fast, guided setup for new users.
- **Impact: 811+ GitHub stars**. **Tech Stack:** Bash, Hyprland, Waybar, Rofi, GTK, Zsh, Neovim

RAF-SP (Regional Agriculture Facilities – South Punjab) ↗ — Jan 2026

- Built a government-grade asset and resource management system serving **15+ agricultural departments**.
- Delivered role-based dashboards with real-time analytics and equipment lifecycle tracking.
- **Tech Stack:** Next.js 16, React 19, Tailwind, Shadcn UI, Prisma, PostgreSQL, Recharts, Framer Motion

SKILLS

- DSA
- System Design
- Cloud (AWS)
- Computer Network
- Databases
- Linux
- MERN/NextJS
- Operating Systems

EXTRACURRICULAR

- Solved over **400+** problems on different platforms **LeetCode** and **GeeksforGeeks**.
- Secured **1st place** in a 3-day hands-on Cybersecurity Workshop organized by Ignite
- Secured **3rd place** in the Speed Programming competition at the ACM-W Celebration Event held at Air University.