

Samreen Sami

AI & Full Stack Developer

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Karachi, Pakistan

PROFESSIONAL SUMMARY

Award-winning AI and Full Stack Developer focused on building modern, responsive, and high-performance web applications. Specialized in Next.js, Python/FastAPI, and WordPress, with a strong emphasis on scalability, user experience, and automation. Blending clean design, performance optimization, and smart AI-driven workflows to turn ideas into real-world digital products.

PROJECTS

Biosverse AI — Environmental Analytics System

- Developed an AI-powered environmental analytics platform selected for the highly competitive MIT Energy & Climate Hackathon 2025 (AAI Pakistan).
- Received full official documentation but was unable to attend due to lack of required travel/financial support.

AI Workflow Automation

- Integrated N8N workflows for AI-driven data analysis and API automation, significantly reducing manual processing time and improving operational efficiency.

Dynamic Resume Builder

- Engineered a high-performance TypeScript + React Resume Builder with interactive UI elements, image upload, hover animations, and modern downloadable resume templates.

Sam's Flower eCommerce Website

- Designed and developed an elegant eCommerce platform using Next.js and Tailwind CSS, ensuring a clean, responsive, and seamless shopping experience.

Stationery Store Website

- Customized and built a complete WordPress + WooCommerce stationery store with full product management and an intuitive layout for smooth online purchasing.

CocoNest Arcade (Game Website)

- Developed a multi-game platform including Balloon Pop, Jumbled Words, Riddles, and Memory Game using HTML, CSS, and JavaScript, with responsive design and smooth animations.

Recipe Finder App

- Built a Recipe Finder web app using HTML, CSS, and JavaScript, integrating an external API to fetch recipes dynamically based on user input, with search filters and interactive UI for easy recipe discovery.

TECHNICAL SKILLS

AI & Automation: ChatGPT, Gemini, Streamlit, N8N Automation, Agent SDK, AI Integration, Prompt Engineering
Web Development: HTML, CSS, JavaScript, TypeScript, React.js, Next.js, Tailwind CSS, Responsive Design
Backend & APIs: Python, FastAPI, REST APIs, JSON Handling
Database & Cloud: Firebase, Supabase, Render, Vercel, Netlify
WordPress: Theme Customization, Elementor, Plugins, WooCommerce, Website Setup, Optimization
Version Control & Tools: Git, GitHub, VS Code, Figma, Canva, GIMP

PROFESSIONAL EXPERIENCE

AI Awareness & Mentorship Initiatives

⌚ 2023 - Present ⚽ Remote

- Conducted workshops and webinars in schools to promote AI awareness and educate students on the fundamentals and potential of Artificial Intelligence.
 - Focused on translating complex technical concepts into engaging, easy-to-understand sessions to spark interest in future technologies.

EDUCATION & CERTIFICATIONS

- Agentic AI Course**
Ongoing (Currently enhancing skills in modern AI technologies)
- Earned certification as a **Frontend Developer** from **CodeAlpha**
- Completed a **WordPress Development** certification from **JDC**.