

# Nouman Azam

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## Professional Summary

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Full Stack Developer and CTO with **5+ years of experience** designing and delivering production-grade, AI-integrated web applications. Expert in **React.js, Next.js, NestJS, Node.js, TypeScript, and Supabase**. Hands-on background in **LLM training**, agentic AI systems, prompt engineering, and OpenAI/Claude AI integration. Proven track record across healthcare, fintech, AI SaaS, and developer-tooling domains, with a strong focus on scalability, clean architecture, and measurable business impact.

## Experience

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**LLM Trainer — Amazon Agentic**, Turing (*Remote, United States*) June 2025 – Present

- Led a pod as team lead responsible for training large language models (LLMs) to perform autonomous agentic tasks using tool-use and function-calling patterns
- Engineered high-quality, domain-specific prompts and feedback loops to improve model accuracy and helpfulness in real-world API interaction scenarios
- Evaluated and corrected LLM outputs for API call correctness and end-user response quality, systematically reducing error rates
- Enhanced model capability to interact with backend systems and third-party APIs, enabling seamless agentic task execution

**CTO & Full-Stack Developer**, E-Shepherds Technologies – Hunza, Pakistan May 2023 – Present

- Spearhead technical strategy and architecture decisions for a growing software consultancy, overseeing end-to-end delivery of 15+ client websites and web applications
- Architect and develop scalable backend systems supporting data-intensive workloads and real-time processing requirements
- Designed and shipped 3 browser extensions enhancing web platform capabilities and user engagement
- Delivered customized WordPress solutions and full-stack builds across diverse industry verticals

**Senior JavaScript Developer**, Turing (*Remote*) — *Meta LLaMA 3.0 Project* Nov 2024 – Jan 2025

- Built custom JavaScript runtime environments and interactive tooling to support LLM training pipelines for Meta's LLaMA 3.0
- Designed prompt-tuning workflows and model feedback interfaces in collaboration with Meta's AI infrastructure engineering team

**Senior Backend Developer**, ATF.AI – United States (*Remote*) Jan 2024 – Aug 2024

- Designed and implemented RESTful and GraphQL backend APIs using **NestJS** to orchestrate complex, multi-step AI workflows
- Integrated **OpenAI GPT-4 and Claude AI** to dynamically create and manage AI agents for business process automation
- Architected scalable conversational flow systems handling concurrent AI agent executions with high reliability

**Master Trainer — Junior Full Stack Developer Program**, Generation – Pakistan Sept 2023 – Apr 2024

- Mentored 30+ aspiring developers in Gilgit-Baltistan through the Junior Full Stack Developer Program (JFSD), a government-partnered tech education initiative
- Delivered structured full-stack curriculum covering JavaScript, React, Node.js, and professional software development practices, enabling graduates to enter the workforce as junior developers

**Full-Stack Developer**, Webloop Technologies – Rawalpindi, Pakistan Feb 2019 – May 2023

- Developed and maintained 50+ websites and web applications, achieving **99.9% uptime** and **30% improvement** in page load performance
- Led end-to-end delivery of **8+ NFT Marketplace** platforms, driving significant user engagement growth
- Developed and maintained numerous backend API systems and integrated hundreds of third-party APIs, streamlining data exchange and significantly reducing integration overhead
- Delivered polished, responsive frontends for 30+ projects with consistently high client satisfaction scores

## Key Projects

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- Agent Task Flow (ATF.AI)** *NestJS · GraphQL · TypeScript · PostgreSQL · OpenAI · Claude AI* 2024 – 2025  
AI-powered business process automation platform. Built backend systems automating sales pipelines, customer support ticket routing, marketing campaign management, and team productivity workflows. Integrated advanced LLMs for intelligent response generation and analytics reporting.
- AISlides.chat** *Next.js · Supabase · Claude AI · OpenAI · TypeScript* 2024 – Present  
Full-stack AI tool that generates professional slide decks from natural language prompts. Engineered HTML-to-presentation conversion pipeline (PPT + web format), image rendering of HTML content, and automated slide packaging workflows.
- Health Hero Services** *React.js · Node.js · MongoDB · HIPAA* 2024 – Present  
HIPAA-compliant healthcare management platform featuring patient records management, appointment scheduling, role-based dashboards for super-admins, care admins, and doctors, and integrated patient communication tools.
- FillMyPDF** *Next.js · NestJS · LLM · PDF Automation* 2024 – Present  
LLM-powered tool for automated PDF form filling. Built dynamic field mapping, data transformation pipelines, and AI-driven content generation for high-accuracy document processing.
- Shugic AI** *ReactJS · NestJS · ML Integration · Prompt Engineering* 2023 – 2024  
Full-stack AI visual content platform. Built frontend in ReactJS and backend in NestJS, integrating ML models for AI-driven visual component generation, website generation, and graph layout automation from user prompts.

## Open Source Contributions

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- flex-card** — Published on npm Aug 2024 – Present  
Customizable React card component with flexible horizontal/vertical layouts, support for images, buttons, embedded video (YouTube/MP4), tabbed groups, and carousel mode. Built with Tailwind CSS.
- visual-ecard & timeline-card** — Published on npm Aug 2024 – Present  
React component libraries for e-card creation and dynamic timeline layouts featuring multiple styles, responsive design, and Google Fonts integration.

## Education

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- Shaheed Zulfikar Ali Bhutto Institute of Science & Technology (SZABIST),** Jan 2019 – Feb 2023  
Islamabad
- BS Computer Science · **GPA: 3.59/4.0**
  - **Chancellor's Honor Roll** — Awarded for academic excellence; secured 4th position in class
  - Relevant Coursework: Artificial Intelligence, Computer Architecture, Computational Theory, Comparison of Learning Algorithms

## Technical Skills

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**Languages:** JavaScript (ES2022+), TypeScript, Python, SQL, C++  
**Frontend:** React.js, Next.js, Tailwind CSS, Material-UI, Bootstrap, Ant Design, Redux  
**Backend:** Node.js, NestJS, Express.js, GraphQL, REST API, WebSockets  
**AI / LLM:** OpenAI API (GPT-4/4o), Claude AI (Anthropic), LLM Training, Prompt Engineering, Agentic Systems, Function Calling, LangChain  
**Databases:** PostgreSQL, MongoDB, MySQL, Firebase, Supabase  
**DevOps / Cloud / Tools:** Git, GitHub Actions, Jenkins, Docker, Vercel, AWS (EC2, S3, Lambda), Azure (basics), GCP (basics), CI/CD Pipelines, Agile/Scrum

## Certifications & Additional

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- Google Soft Skills Program** — Issued by Google via Pakistan Freelancers Association (PAFLA), Aug 2024
- Instructor (2023–2024):** Designed and delivered computer fundamentals and advanced web development courses including a WordPress Bootcamp in Hunza
- Languages:** English (B2 — Professional Working), Urdu (C1 — Proficient), Burushaski (Native)