

Shehryar Ahmed

Mid-Senior Software Engineer | Lahore, Pakistan

☎ +92 333 4238728 | ✉ shehryar7ahmed@gmail.com | 🌐 Remote

Skills

JavaScript, TypeScript, Python, Go, Kotlin, PHP
React, React Native, Next.js, Angular, Tailwind CSS, Shadcn UI, Chakra UI
Node.js, Express.js, NestJS, Django, Flask, Laravel, Spring Boot
MySQL, PostgreSQL, MongoDB, Redis, DynamoDB
AWS (EC2, S3, SQS, DynamoDB), GCP, Vercel, Docker, Kubernetes, Jenkins, CI/CD
REST APIs, WebSockets, Microservices, Auth (JWT/OAuth), Agile
LLMs, DSPy, Streamlit, Figma, Adobe XD, Sketch

Experience

Senior Backend Engineer (R&D & Frontend Contributor) [on-site]

Fortex Solutions, Lahore | Dec 2024 – April 2025

- Designed and maintained scalable backend systems and RESTful APIs for production-grade applications.
- Collaborated with the CTO to evaluate emerging technologies and shape system architecture decisions.
- Led multiple client projects (5+ international clients), managing delivery timelines and technical execution end-to-end.
- Implemented CI/CD pipelines and optimized database queries to ensure high performance and zero-downtime deployments.
- Occasionally contributed to frontend development, ensuring seamless integration and end-to-end application performance.

Freelance Full-Stack Solutions Architect (Remote) | Fiverr Level 1 Seller

Self-Employed | Jun 2023 – Present

- Led end-to-end development for 5+ startups, delivering MVPs and scalable systems aligned with business needs.
- Architected full-stack solutions using React, Node.js, and AWS, cutting time-to-market by over 30%.
- Advised founders on technical strategy, contributing to product growth and improved user onboarding.

- Built CI/CD pipelines with Docker and GitHub Actions, improving release cycles and deployment reliability.
- Conducted code reviews and enforced clean code practices across distributed teams.

AI Software Engineer (Hybrid)

AppifyTech, Lahore | Apr 2024 – Oct 2024

- Integrated LLMs into backend systems using DSPy and OpenAI APIs to power conversational features.
- Designed Redis-backed caching and optimized queries to reduce response latency by 35%.
- Built internal tools with Streamlit for data exploration and testing of AI models.
- Collaborated with senior engineers to host LLMs locally, cutting external API costs by 15%.
- Participated in architectural decisions and contributed to prompt engineering improvements.

Backend Developer (Hybrid)

Fortex Solutions, Lahore | Jul 2023 – Dec 2023

- Designed scalable microservice architectures with NestJS, Docker, and PostgreSQL.
- Implemented cloud solutions on AWS, reducing infrastructure overhead by 20%.
- Automated CI/CD with Jenkins, cutting manual deployment efforts and increasing release frequency.
- Tuned APIs and database interactions to support a 40% increase in traffic with no downtime.
- Contributed to system monitoring and debugging workflows using Prometheus and Grafana.

Full-Stack Developer (Remote)

Buraq Mobility, Lahore | Mar 2023 – Jan 2024

- Spearheaded the design and development of a performance tracking system for vehicles and drivers.
- Built a WebSocket-enabled admin dashboard for real-time metrics, boosting operational efficiency.
- Created modular APIs for shift/ride management, reducing manual admin work by 50%.
- Managed infrastructure on AWS (EC2, S3), achieving 99.9% system uptime.
- Led sprint planning and cross-functional collaboration with design and product teams.

Top Projects

MyBanka

Lead Engineer · Remote · Stack: Aurelia, Capacitor, Native Development, GitLab

- *Led backend and frontend integration of over 2,000 UK and EU banks using Yapily Connect.*
- *Collaborated remotely using GitLab issues and merge requests to track features, bugs, and peer reviews.*
- *Quickly learned and implemented the Aurelia framework and Capacitor for hybrid/native functionality over a single weekend.*
- *Contributed to building a seamless multi-bank account management interface for both personal and professional users.*
- *Ensured the delivery of clean, modular, and easily reviewable code to accelerate team velocity.*
- *Assisted other developers in learning unfamiliar parts of the tech stack, enabling smoother onboarding and delivery.*

Dogstalker

Lead Backend Engineer · Stack: Node.js, Express, MongoDB, AWS, Docker, CI/CD

- *Architected and developed backend services for a dog enthusiast social platform.*
- *Designed and implemented scalable APIs supporting user-generated content and interactions.*
- *Collaborated with frontend, product, and design teams to translate requirements into reliable backend systems.*
- *Managed DevOps responsibilities, including Dockerizing services and maintaining deployment pipelines.*
- *Led discussions with clients to refine feature scope, gather feedback, and provide time/cost estimates.*
- *Implemented monitoring and logging for backend systems to ensure application reliability and fast debugging.*

Hiveme

Lead Backend Engineer

- *Designed backend services focused on user collaboration, data sharing, and activity tracking.*
- *Applied similar tech stack and architecture approaches to ensure consistency and rapid development.*
- *Conducted API reviews, improved performance bottlenecks, and ensured high test coverage.*
- *Managed deployments and environment setup across development, staging, and production.*
- *Facilitated feedback loops with clients to improve iteration cycles and adjust feature priorities.*
- *Maintained documentation and onboarding support for new developers.*

TaskmateX

Lead Backend Engineer

- *Built backend systems enabling task creation, assignment, and productivity analytics.*
- *Focused on modular API design to allow future extensibility and integration with third-party services.*
- *Worked with UI/UX designers to support features like push notifications, user roles, and deadline management.*
- *Streamlined backend infrastructure using Docker and CI/CD pipelines for zero-downtime deployments.*
- *Supported real-time features with WebSockets for instant task updates.*
- *Participated in user testing sessions to validate backend response times and data accuracy.*

961 - Lebanon

Lead Backend Engineer

- *Managed backend development for a high-traffic platform tailored to regional audiences.*
- *Scaled database architecture to handle growing user base and high concurrent traffic.*
- *Introduced caching strategies (e.g., Redis) to reduce load times and server response latency.*
- *Enabled secure authentication and authorization flows using JWT.*
- *Set up automated deployment pipelines to reduce manual overhead and avoid regressions.*
- *Provided client demos and walkthroughs of technical features to align expectations.*

Buraq Mobility

Full Stack Engineer · Stack: MERN (MongoDB, Express, React, Node), AWS, WebSockets

- *Spearheaded development of a real-time driver and vehicle performance monitoring system.*
- *Created a WebSocket-based admin panel for live updates, improving operational efficiency by 30%.*
- *Developed shift and ride management APIs, reducing manual scheduling effort by 50%.*
- *Deployed and maintained scalable infrastructure on AWS EC2 and S3 with 99.9% uptime.*
- *Integrated driver behavior analytics, enhancing decision-making for fleet operations.*
- *Documented codebase and created internal tools to streamline future system maintenance.*

Education

Diploma in Computer Software

PNY Trainings, Lahore | 2022

Languages

- **English:** Fluent

- **Urdu:** Intermediate