

# Usama Nasar

Mandi Bahauddin, Punjab | 92-304-232-3349 | [usamanasar38@gmail.com](mailto:usamanasar38@gmail.com) | [\[LinkedIn\]](#)

## Full Stack Developer

Innovative and analytical professional with a bachelor's in computer science and 6+ years of experience delivering software solutions, overseeing migration projects, and leading top-tier teams while developing scalable applications using front-end and back-end technologies to optimize user experience and business operations. Proven ability to build Restful APIs, implement microservices architectures, and author production-ready code for seamless feature integration and cross-browser compatibility. Adept at conducting in-depth testing, troubleshooting technical issues, and deploying process improvements, with a record of achieving a 50% reduction in load times and improving web performance by 2x.

## Areas of Expertise

- Unit & E2E testing
- Responsive Web Design
- CI/CD & Containerization
- APIs development & Integration
- Authentication & Security
- Full-Stack Web Development
- Version Control & Collaboration
- User Experience (UX) & UI Design
- Project & Risk Management
- Team Leadership & Training
- Data & Database management
- Technical Documentation

## Career Experience

### Rehani Soko | United States, Remote

#### Lead Front-End Developer | August 2024 – Present

- Deliver in-person front-end and back-end solutions, integrating user-focused design and robust functionality for project completeness and responsiveness to real-time specifications
- Diagnose root causes and deploy robust solutions to resolve high-priority issues and preventing recurring problems
- Direct a team of six front-end developers, with a strong emphasis on enhancing web performance and web vitals for better user experience and site rankings
- Perform in-depth reviews by scrutinizing code efficiency and logic to reduce technical debt and sustain code quality

### Love Bonito | Singapore, Remote

#### Software Engineer | December 2021 – December 2024

- Designed a platform from scratch in line with current industry standards, focused on migrating legacy Vue.js applications to Next.js, for optimized performance and scalability
- Secured a 5% growth in online order revenue for the company by migrating the platform to Next.js
- Analyzed system dependencies and migrated the platform to Next.js, minimizing checkout API calls by 1/3 and achieving 3X web performance with 3X faster load times
- Determined knowledge gaps and mentored two junior front-end developers and one senior backend PHP developer in NestJS, to nurture skill development within the development team
- Streamlined CI/CD processes for 3x faster deployment times, leading to a 2.5x reduction in infrastructure costs
- Led the creation and incorporation of new features within the Vue.js e-commerce platform by collaborating with cross-functional teams to attain optimal functionality across product management through post-purchase workflows
- Deployed cutting-edge support system for international stores while engineering a payment framework using a microservice architecture, to facilitate global market expansion
- Integrated diverse payment options, including “buy now, pay later” and regional-specific methods, reducing fees by up to 2% for certain transactions through a new payment provider
- Lowered API calls in the checkout section by a factor of 3 through dependency management and request consolidation

### Mahjoz | Saudi Arabia, Remote

#### Senior Front-End Developer | August 2022 – December 2022

- Conducted rigorous testing to uncover and rectify bugs early in the development stage for efficient software release
- Oversaw software development lifecycle by coordinating project milestones and team deliverables to decrease bottlenecks and accelerate time-to-market
- Drove continuous improvement initiatives by identifying areas for process automation to raise team productivity

## **Contrive Solutions | Lahore, Pakistan**

### **Full-Stack Developer | August 2020 – November 2021**

- Provided strategic guidance and oversight for 8 team members while administering the end-to-end development process to deliver projects within timelines and quality standards
- Utilized Nest.js to migrate an Express.js project to TypeScript, enhancing code maintainability and structure
- Understood stakeholder requirements to build a Node.js and Puppeteer-based web crawler, securing an 80% captcha bypass success rate while simplifying data extraction and automation processes
- Used Angular 8+ to transform design mockups into fully interactive web pages, achieving visual consistency and streamlined navigation across all devices
- Troubleshoot and refined code for a corporate website with VS Code to maintain site stability and security
- Leveraged expertise in software design and installation to construct adaptable information systems, strengthening data integrity and ensuring seamless information flow
- Empowered informed decision-making and mitigated risks by examining operational feasibility and resources, along with validating proposed solutions against organizational objectives

## **Contrive Solutions | Lahore, Pakistan**

### **Front-End Developer | August 2019 – August 2020**

- Amplified angular application efficiency by 10% through fine-tuning web vitals, responsiveness, and functionality
- Addressed cross-browser compatibility challenges for high-visibility projects by employing adaptive design techniques to confirm smooth access and interaction across diverse devices and platforms
- Translated project objectives and design specifications into production-ready code by applying best practices, delivering robust solutions for an intuitive user interface

## **Freelance | Remote**

### **Full-stack Developer | September 2018 – December 2019**

- Evaluated user needs, system requirements, and workflow gaps to develop targeted software solutions, addressing critical pain points and increasing user satisfaction
- Conceptualized secure APIs and server-side logic with RESTful services, to strengthen data communication and functionality between client and server

## **Education & Credentials**

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**Bachelor of Science in Computer Science**, University of Gujrat, Gujrat, Pakistan

Final Year Project: Professional Development completed in NodeJS and Swift (iOS).

**Angular, Getting Started by Deborah Kurata**, Pluralsight (Online)

## **Technical Proficiencies**

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**Database Management:** MySQL | **Code Quality Tools:** ESLint, Prettier

**Automation & Web Scraping:** Puppeteer | **JavaScript Language Enhancements:** ES6+

**Containers & Operating Systems:** Linux, Docker

**Version Control:** Git, Gitlab, GitHub

**Programming Languages:** JavaScript, TypeScript, PHP (Larvel)

**Testing Libraries & Frameworks:** Jest, Vitest, Cypress, Playwright

**Styling & UI Frameworks:** HTML, CSS, SCSS/SASS, TailwindCSS

**State Management:** Zustand, Vuex, Pinia, React Query, Tanstack Query, NgRx

**Front-end Frameworks & Libraries:** React.js, Next.js, Vue.js, Nuxt.js, Angular (Angular 8+)

**Backend Frameworks & Runtime Environments:** Node.js, Nest.js, Express.js, JWT, Auth, Microservices

**Security Standards:** OWASP, CSRF, CORS, XSS

## **Affiliations**

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Member, Blood Donation Society

Member, The Organizers' Club, Event Organizing Society

Member, Human Rights Production Foundation (HRPF) Pakistan, Society