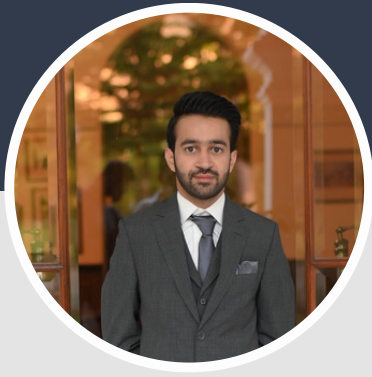# MUHAMMAD USAMA

SENIOR SOFTWARE ENGINEER

I am currently looking for a position that would allow me to create new software and apps with my innovative ideas. I would like to use my experience to produce creative software that is competitive in the market and would benefit the organization.

CONTACT

- +92-3450538250
- usama.amjad32@gmail.com
- Pakistan
- Linkedin
- Github
- Portfolio

SKILLS

Frontend

- React, Next.js, AngularJS
- TypeScript, JavaScript
- Material UI, Tailwind CSS
- PWA, Storybook

Mobile

- React Native (Android & iOS)

Backend

- Node.js (Express, NestJS)
- Python (FastAPI)
- SQLAlchemy, Alembic

Databases

- PostgreSQL, MySQL
- MongoDB, DynamoDB

APIs & Architecture

- REST APIs, GraphQL
- Multi-tenant SaaS Architecture

Testing & Automation

- Cypress, Puppeteer

WORK EXPERIENCE

Senior Frontend Developer
06/25 - Present

Allshore Talent(Client: ECCO Select / Walsworth Yearbooks)

- Currently working with ECCO Select on a key digital transformation project for Walsworth, one of the largest printing and publishing companies in the US. As part of a distributed team, I'm responsible for developing and maintaining critical UI features for their internal platforms.
- Initiated the revamp of the entire frontend architecture by migrating from AngularJS to Next.js with TypeScript to improve performance, scalability, and maintainability.
- Fixed legacy bugs and implemented new features in a large-scale AngularJS codebase, enhancing stability and functionality for Walsworth's internal publishing tools
- Built and optimised reusable UI components using React, TypeScript, and GraphQL
- Implemented performance improvements and accessibility enhancements across core modules.
- Contributed to a modular design system to ensure consistency across multiple Walsworth products

Senior Software Engineer
05/23 - 06/25

Zones IT

- Developed a user-friendly Query Builder with drag-and-drop and expert modes for business analysts. (React TS)
- Built an intuitive Drag and Drop Page Builder that lets users create customisable data-driven web templates by seamlessly integrating data.
- Utilized Lerna to create and publish multiple npm packages.
- Introduced and developed a centralized ZDP-UI npm package with reusable components, ensuring design consistency across six apps, significantly reducing workload.
- Created Storybook documentation for components, aiding developer usage.
- Developed CRUD APIs using NestJS and worked on email templates (HBS) with SendGrid, including design and setup.
- Integrated APIs using GraphQL for efficient data fetching and management.
- Redesigned ZDP dataflow and developed multiple UI modules (React TypeScript).
- Implemented Keycloak for unified authentication across apps.
- Automated bug detection and user stories using Cypress, enhancing testing efficiency and reducing manual effort.

AI / Voice

- Voice Agents (Vapi)
- Speech-to-Text & TTS (Deepgram, ElevenLabs)

Dev & Tooling

- Lerna, Monorepos
- Git, CI/CD

Languages

- TypeScript, JavaScript, Python, C/C++, HTML, CSS

SEO Technical Lead (Software Engineer 2)   05/22 - 05/23
Graana

- Achieved a significant milestone as a Technical Lead: increased organic traffic from 400K to 1 million at Graana.com.
- Worked on redesigning the entire website to align with new Figma designs. (Next JS).
- Worked on the Graana mobile application (React Native – **iOS** & **Android**), implementing new features and optimizing performance for App Store builds.
- Improved website and mobile view performance, achieving key milestones.
- Developed APIs and wrote automation scripts and Sitemaps using Node.js (Node Express).
- Led the SEO Technical team, improving performance and SEO ranking to attract more users.
- Implemented Cloudflare for redirect rules and worker scripts.

Software Engineer   12/19 - 04/22
Elixir Technology

- Developed Tango Designer, creating bill designs using React and Canvas, including complex elements like tables, frames, and nested items.
- Worked on the Scrum framework, creating new modules and fixing bugs in Tango (React).
- Built Storybook documentation and Tango Component Library (React) for developer usage.
- Fixed bugs and created APIs on the Java backend for Tango, utilizing the factory design pattern.
- Automated test cases using Puppeteer, worked on TSP, executed test cases, created logs, and resolved issues and stories.
- Acted as Shift Lead for the Customer Migration Support team and performed Scrum Master responsibilities.

MERN Stack Developer   08/19 - 12/19
Artbot LLC

- Developed the entire website frontend using React.js and the Metronic theme.
- Created a platform similar to YouTube, enabling users to upload videos, earn money, and watch content.
- Built and maintained backend APIs using Node Express.
- Implemented IPFS for efficient and cost-effective video storage using blockchain technology.
- Deployed the website on Digital Ocean, and used Rancher for log management and DevOps tasks.

PROJECTS

Cleon – AI Voice Ordering Platform
12/25 - Present

Next.js, FastAPI, PostgreSQL, Voice AI, Multi-Tenant SaaS

- Designed and developed a multi-tenant AI voice ordering SaaS enabling restaurants to accept phone orders via conversational voice agents.
- Built a FastAPI backend with tenant isolation, restaurant ↔ voice-agent mapping, and secure request scoping.
- Implemented AI voice agents using Vapi, Deepgram (STT), and ElevenLabs (TTS) to handle real-time customer conversations.
- Developed menu ingestion, cart management, and checkout workflows optimized for voice-driven ordering.
- Integrated OrderOut APIs for restaurant menu sync, merchant configuration, and order creation.
- Created a Next.js admin dashboard to manage restaurants, voice agents, and third-party integrations.
- Designed integration-based UI architecture allowing restaurants to connect/manage services (Voice Agents, OrderOut) from a single interface.
- Implemented SQLAlchemy + Alembic migrations for scalable schema evolution and data integrity.
- Architected the system to support future removal/replacement of voice providers without breaking core business logic.
- Focused on clean domain separation (Tenants, Restaurants, Agents, Orders) for long-term scalability.

Selected Professional & Client Projects

Marketplace, Delivery & Ordering Platforms

- **JobTask** – Service ordering platform (Next.js, React Native, Node.js)
- **Grab-A-Bite** – Food delivery app with admin panel (MERN, React Native)
- **TYFT** – Food truck discovery & ordering app (MERN, React Native)
- **Bulky** – Large-item delivery platform (Next.js)

Mobile Applications (iOS & Android)

- Built and deployed 3+ React Native apps to App Store & Play Store
- **Fitness App** (Block App) – Diet & workout planning for athletes
- **NOMADIQ** – Resident operations platform (payments, maintenance)

Web Platforms & Admin Dashboards

- **Aqers** – Property search platform with advanced filters (Next.js)
- **Atomic Vault Admin** – Stock management admin panel (MERN)
- **Store Walk (PWA)** – Form-based workflow app with PDF exports
- **DMV-EZ** – US driver's license workflow platform (React)

Media & Content Platforms

- **Sentrataiment** – Streaming platform with integrated food ordering
- **Yamar** – Company profile single-page application

EDUCATION

Bachelor In Computer Science
09/15 - 09/19

University of Engineering and Technology (UET), Taxila