Muhammad Asad

Software Engineer

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SUMMARY

Software Engineer skilled at transforming complex problems into clean, scalable, and reliable systems. I build production-ready solutions end-to-end, with a focus on sound architecture, robust testing, and observability. My strengths include performance optimization, API design, and CI/CD modernization that enable teams to deliver high-quality software quickly and safely. I communicate clearly and deliver actionable reviews that raise quality without slowing delivery.

SKILLS

Frontened HTML, CSS, JavaScript, ReactJS, React Redux, Bootstrap, tailwind CSS
Backened & Database Node.js, Express.js, Firebase, MongoDB, SQLite
Additional Problem Solving, Debugging Code, Analytical Solutions
Tools AWS, Microsoft Azure, Postman, Git, Stripe, PayPal
Soft Skills Team working, Time Management, Collaboration, Good Communication

WORK EXPERIENCE

Flutter Developer   Sep '24 — Dec '24
PITB Incubation Center Lahore   Lahore
- Delivered **two Flutter apps** end-to-end—from requirements and UI to testing, release, and support.
- Applied **MVVM** across modules and integrated RESTful APIs with pagination, retries, and structured error handling.
- Built data layers with **Firebase** (Auth, Firestore, FCM, Analytics) and local storage (Hive/sqflite) to enable offline-first sync and caching.
- Delivered responsive, accessible UIs and improved performance/stability using **DevTools** and **Crashlytics**; collaborated closely with design/backend and provided focused code reviews.

LLM Trainer   Oct '25 — Present
Turing   Palo Alto California, United States (Remote)
- Write prompts, rubrics and test to improve accuracy.
- Analyzed error and data to reduce hallucinations.
- Solved ambiguous problems with clear, fast and experiments.
- Trained and Evaluated for reasoning and coding.

PROJECTS

LearnForge LMS
- **A full-stack LMS for seamless course creation, delivery, and engagement.**

·Course builder: Create curricula with modules, lessons (video/text/downloads), and resources.
·Assessments: Quizzes and assignments with auto-grading, rubrics, and feedback.
·Learning experience: Progress dashboards, completion tracking, certificates, and role-based access (Student/Instructor/Admin).
·Realtime & media: Live classes, chat, notifications (Socket.io); secure uploads, HLS streaming and the CDN delivery.
· Monetization & insights: Stripe subscriptions/one-time purchases with coupons; analytics on performance, engagement, and revenue.
· Administration: Publishing workflows, content versioning, bulk imports, and audit logs.

 Tech Stack(React, Next.js, Redux, Node.js, TypeScript, Express, MongoDB)

MarketLane
- **A modern, multi-vendor marketplace where sellers and buyers connect with real-time interactions and secure payments.**

• Rich product catalog with advanced filtering, shopping cart, wishlist, order tracking, and reviews
• Seller dashboards featuring analytics, coupon/discount controls, and real-time messaging via Socket.io
• Integrated Stripe and PayPal for secure payment processing
• Optimized media with Cloudinary
• Role-based authentication and authorization using JWT and Bcrypt

Tech Stack(React.js, Redux Toolkit, Tailwind CSS,Node.js, Express.js, MongoDB, Stripe, PayPal)

NestScout

- **A modern homes for sale or rent. Owners add listings; buyers search, filter, and view detailed property pages.platform to list, discover, and manage**

· Predictable app behavior with reliable state management and smooth interactions.
·Responsive, accessible design that works consistently across mobile and desktop.
·Secure authentication, authorization, and protected user areas.

Tech Stack(React, Redux Toolkit, Tailwind CSS, Node.js, Express, MongoDB)

CERTIFICATIONS

Azure Fundamnetals, Microsoft   Feb '25

Google Cloud, Coursera   Apr '25

Flutter, Udemy   Mar '25

EDUCATION

BS Computer Science, University of Education   2023 — Present
                                                                                    Lahore, Pakistan

ICS, Punjab College   2021 — 2023
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