

ALI HASSAN

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SUMMARY

Full Stack Software Engineer with 2+ years of experience building scalable web applications, SaaS and e-commerce platforms, and third-party integrations. Specialized in TypeScript and JavaScript with React, Next.js, Node.js, and Express.js, alongside PHP and Laravel. Delivered multi-tenant systems, real-time workflows, Stripe and PayPal integrations, and performance optimizations across professional and freelance environments.

TECHNICAL SKILLS

Languages	JavaScript, TypeScript, PHP, Java, SQL, HTML, CSS
Backend	Node.js, Express.js, Laravel, API Integrations, REST APIs
Frontend	React, Next.js, Redux Toolkit, Vue.js, Inertia.js, Tailwind CSS
Databases	MySQL, MongoDB, PostgreSQL, Microsoft SQL Server, SQLite
ORMs & ODMs	Sequelize, Prisma, Eloquent, Mongoose
Tools	Git, GitHub, Bitbucket, Jira, Postman

EXPERIENCE

Associate Software Engineer

i2c Inc.

Aug 2025 - Present

Lahore, Punjab, Pakistan

- Modernized selected modules of the legacy C-Agent customer-service web application by migrating Struts/JSP interfaces to React and integrating them with Spring Boot and Hibernate-based backend services.
- Implemented SIP header enhancements and bidirectional Kafka-based integration to process authentication and verification flags and exchange agent and queue metadata across IVR, Telephony, and IBM AI systems.
- Engineered a multithreaded batch-processing pipeline for 2.2M+ financial records using concurrent fetcher, processor, and persister threads connected through queues and batched database operations.
- Implemented scheduler-based lifecycle logic for the Visa Stop Payment Service, automatically applying merchant blocks on start dates and marking records as expired on end dates.

Associate Software Engineer

PureLogics

Nov 2024 - Apr 2025

Lahore, Punjab, Pakistan

- Built a reusable, plug-and-play MERN boilerplate with role-based access control (RBAC), enabling super admins to manage users, roles, and granular resource-level permissions, with comprehensive audit logging for user actions, roles, resources, timestamps, and activity details.
- Optimized the React frontend of PureLogics' internal Test Management System by shrinking the bundle size from 1.89 MB to 800 KB through code splitting, dependency optimization, and asset management, cutting Bitbucket build time from 30 minutes to 5 minutes.
- Enhanced the React frontend of the Test Management System by eliminating redundant API requests, resolving UI and API response parsing issues, and implementing permission-aware fields and sidebar navigation based on backend-provided user permissions.

Software Engineer Intern

PureLogics

Aug 2024 - Nov 2024

Lahore, Punjab, Pakistan

- Built a full-stack Learning Management System using TypeScript, React, Node.js, Express.js, MongoDB, and Redux, delivering role-based student and teacher workflows for course discovery, enrollment, and reviews.
- Implemented recurring subscription payments through PayPal APIs, dynamically creating products and monthly and yearly subscription plans for courses and enabling automated course enrollment after successful payment.

- Developed course and instructor management workflows enabling teachers to create and manage courses, configure availability, and upload multimedia learning materials including images, videos, audio, and documents.

Freelance Full Stack Developer

May 2024 - Present

Upwork

Remote

- Completed 14 freelance engagements for 10 international clients, delivering production enhancements, third-party API integrations, frontend modernization, automation, and bug fixes across diverse web applications.
- Integrated Cal.com scheduling into [PitchFit](#), enabling availability-based client bookings with configurable conferencing options (Google Meet, Zoom, Microsoft Teams). Implemented Stripe API integration for one-time payment processing.
- Enhanced an existing Laravel/Inertia content marketplace by integrating the React Slate rich-text editor and Tailwind CSS templates, extending content-authoring and frontend capabilities.
- Contributed to [Stars AI](#), a bilingual K-12 school management and ERP platform, resolving functionality issues across timetable management, student grading, teacher workflows, and real-time chat.
- Built Python web-scraping workflows using Selenium and BeautifulSoup to extract and process structured data from multiple websites for downstream use.
- Modernized and maintained existing frontend applications by migrating a legacy PHP interface to Svelte with DaisyUI and Tailwind CSS and implementing targeted enhancements in a legacy React class-component code-base.

PROJECTS

Kodati (Next.js, TypeScript, MySQL): Engineered a multi-tenant e-commerce middleware platform integrating [Salla](#) and [Zid](#) stores with [EZ PIN](#) and [LikeCard](#) gift card providers. Built a webhook-driven fulfillment pipeline with dynamic product-to-SKU mapping, profitability validation, priority-based provider selection with automatic fallback, API response normalization, and real-time gift-card delivery while enforcing tenant-level data isolation.

Veriff KYC Server (Node.js, Express.js): Developed an automated KYC integration service that consumed real-time [Veriff](#) webhooks, retrieved and processed verification session data and media through [Veriff](#) APIs, and securely uploaded JSON records and media files to [SharePoint](#), automating the end-to-end verification data workflow.

Tawthiq (React, Express.js, MySQL): Built a multi-tenant platform for [Salla](#) and [Zid](#) merchants with customer tracking, rating, and verification workflows. Implemented OAuth 2.0 merchant onboarding, tenant-scoped authorization and data isolation, and dynamic dashboards for secure merchant-level analytics and management.

Instagram Clone (Laravel, Vue.js): Developed a full-stack social media application with user authentication, post creation, profile management, and user-following functionality. Optimized application performance through caching, database indexing, and lazy loading to improve page-load efficiency and overall responsiveness.

Posts Application (Laravel, Blade, Tailwind CSS): Built a full-stack social platform with authentication and authorization, post management, user profiles, like/unlike interactions, email notifications, pagination, and soft deletes. Optimized database access using eager loading and developed reusable Blade components with Tailwind CSS for a modular and maintainable frontend.

EDUCATION

Bachelor of Software Engineering, National University of Sciences and Technology (NUST)

2021 - 2025

CGPA: 3.38/4.00