

ZIAN EJAZ

Senior Software Engineer | Frontend, Full-Stack & Cloud Architecture

Dubai, United Arab Emirates | +971 58 308 8707 | zianejaz@gmail.com | zianejaz.me | in/zianejaz

PROFESSIONAL SUMMARY

Software Engineer with 7+ years of experience designing, developing, and maintaining scalable web and mobile applications, cloud platforms, and modern AI-assisted engineering systems. Specialized in React, React Native, TypeScript, Next.js, NestJS, Node.js, Express.js, PostgreSQL, Prisma, MongoDB, GraphQL, REST APIs, Microsoft Azure, and GitHub Actions CI/CD, with deep expertise in multi-gateway FinTech payment integrations (Checkout.com, Tabby BNPL, Adyen, Tap Payments, Apple Pay, Google Pay, 3DS2) and Agentic AI workflows / MCP protocols.

CORE COMPETENCIES & TECHNICAL SKILLS

- Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3, PHP
- Frontend:** React.js, React 19, React Native, Next.js, Vue.js, Alpine.js, jQuery
- Backend & Full-Stack:** NestJS, Node.js, Express.js, PostgreSQL, Prisma ORM, Redis Caching, MERN (MongoDB, Express, React, Node), PHP
- APIs & Databases:** GraphQL, REST APIs, PostgreSQL, MongoDB, Redis, Prisma, Firebase
- State & Routing:** Redux, Zustand, Vuex, TanStack Query, TanStack Router, Vue Router
- UI & Styling:** Tailwind CSS, shadcn/ui, Material UI, Ant Design, Bootstrap, Styled Components, Sass / SCSS, LESS
- Build & Tooling:** Vite, Webpack, Babel, npm, Yarn, Git, GitHub
- Testing & Debugging:** Jest, Cypress, Chrome DevTools, Unit Testing, Integration Testing
- Agentic AI & LLMs:** Agentic AI Workflows, Model Context Protocol (MCP), LangChain, Claude Code Conventions, Vercel AI SDK, OpenAI & Anthropic APIs, Tool Calling & Function Calling, Vector Search & Embeddings
- Cloud, DevOps & CI/CD:** Microsoft Azure, Azure App Services, GitHub Actions, CI/CD Pipelines, Docker, Containerization, Jenkins, Automated Deployments
- Payment Gateways & Fintech:** Checkout.com, Tabby (BNPL), Adyen, Tap Payments, Apple Pay & Google Pay, Dubai Police Payment Gateway, Stripe, 3D Secure 2 (3DS2), Webhook Reconciliation, Payment Idempotency, PCI-DSS Compliance
- Architecture & Performance:** Frontend Architecture, Component Architecture, Application Scalability, SSR, SSG, Performance Optimization, Responsive & Mobile-First, Cross-Browser Compatibility, Cross-Platform Development
- Security & Access:** Role-Based Access Control, Permission Systems, Secure Data Handling, Dependency Security, Dependabot
- Practice:** WCAG / Accessible Development, Agile, Scrum, Code Reviews, Technical Documentation, User-Centered Design

PROFESSIONAL EXPERIENCE

Software Engineer — Frontend / Platform | The ENTERTAINER

Feb 2023 – Present

- Tech: React 19, TypeScript, Next.js, GraphQL, Checkout.com, Tabby (BNPL), Adyen, Tap Payments, Apple Pay, Google Pay, TanStack Query/Router, Vite, Vue.js, Alpine.js, Zustand, Tailwind CSS, shadcn/ui
- Architected and engineered the main B2C customer-facing frontend platform and end-to-end multi-gateway payment checkout flows (Checkout.com, Tabby BNPL, Adyen, Tap Payments, Apple Pay, Google Pay).
 - Built and scaled a modular B2B admin and back-office platform supporting 30+ business modules with reusable list, detail, filtering, and content-management workflows.
 - Implemented resilient fintech payment mechanisms including 3D Secure 2 (3DS2), card vault tokenization, idempotent webhook reconciliation, and zero-drop transactional reliability.
 - Delivered full-stack B2B partner integrations for enterprise clients including Visa, streamlining merchant benefit redemption, tokenized authorization, and partner data synchronization using MERN & TypeScript.
 - Implemented RBAC, route guards, permission-gated actions, and role-based navigation across the platform.
 - Developed drag-and-drop content and merchandising interfaces, enabling business teams to manage customer-facing content independently.
 - Migrated the frontend data layer to a type-safe GraphQL client with automated schema synchronization, improving frontend/backend consistency.
 - Led frontend architecture, UI performance optimization (~50% faster page loads), and codebase refactoring initiatives across B2C and B2B products.
 - Implemented AI-assisted development workflows and engineering standards to improve developer productivity, code quality, testing, and implementation consistency.

Project Manager / Software Engineer | Genesis Engineering

May 2022 – Feb 2023

Tech: React, Vue.js, MERN Stack, Node.js, Express.js, MongoDB

- Developed web applications and partner integrations using React, Vue.js, Node.js, Express.js, and MongoDB (MERN Stack).
- Engineered B2B integrations for global financial and enterprise partners including Visa, ensuring secure REST API endpoints, OAuth authorization, and scalable data workflows.
- Managed projects from requirements gathering through development and delivery.
- Led client onboarding, requirements analysis, stakeholder communication, and project coordination.
- Contributed to frontend architecture, REST API integration, database workflows, and scalability.
- Coordinated developers and stakeholders using Agile/Scrum practices.

Web Developer | Woosoftware

Jun 2018 – Apr 2022

Tech: HTML5, CSS3, JavaScript, jQuery, PHP, Payment Gateways, WordPress, Shopify, WooCommerce

- Developed responsive websites and e-commerce applications with multi-gateway payment integrations (Stripe, PayPal, Authorize.Net).
- Built and customized WordPress, WooCommerce, and Shopify solutions.
- Developed frontend interfaces using HTML5, CSS3, JavaScript, and jQuery.
- Integrated frontend applications with backend functionality using PHP.
- Optimized applications for responsive design, usability, performance, and cross-browser compatibility.

Graphic & Web Designer | The Grace Products

Apr 2016 – Mar 2018

Tech: Adobe Photoshop, Adobe Illustrator, HTML5, E-commerce

- Designed web interfaces, digital assets, and e-commerce experiences.
- Created graphics and marketing assets using Photoshop and Illustrator.
- Developed HTML5 web pages and supported e-commerce initiatives.
- Combined visual design and frontend development to create user-focused experiences.

KEY FEATURED PROJECTS

The ENTERTAINER Main B2C Site, Frontend & Payments (The ENTERTAINER) — *Next.js, React, Checkout.com, Tabby (BNPL), Adyen, Tap Payments, Apple Pay, Google Pay*

- Engineered the main customer-facing B2C web platform frontend and multi-gateway payment infrastructure for The ENTERTAINER (Checkout.com, Tabby BNPL, Adyen, Tap Payments, Apple Pay, Google Pay), delivering fast checkout UX, regional payment methods, SSR streaming, and conversion optimization.

Esaad Website, CMS, Merchant & Entity Portal (Dubai Police) — *React, Python, Dubai Police Payment Gateway, Redux, REST APIs*

- React-based web applications, portal interfaces, and official Dubai Police payment gateway integration spanning the Esaad ecosystem — public website, CMS, merchant portal, and entity management.

Visa B2B Partner Integrations & Merchant Workflows (Visa) — *React, Node.js, Express.js, MongoDB, TypeScript, REST APIs, MERN Stack, Tailwind CSS*

- MERN stack B2B integration architecture built for Visa, streamlining partner benefit redemption, merchant onboarding, tokenized authentication, and high-security transactional workflows.

TE Back Office — B2B & B2C Admin Platform (The ENTERTAINER) — *React 19, TypeScript, Vite, TanStack Query, TanStack Router, GraphQL, shadcn/ui, Tailwind CSS*

- A modular admin platform consolidating business operations, with reusable data workflows and permission-gated actions throughout.

Drag-and-Drop Page Builder & Email Templating — *Next.js, React, TypeScript, Zustand, Tailwind CSS, Node.js, MongoDB*

- A drag-and-drop builder with customizable templates, multi-language and multi-region support, built on SSR/SSG for performance and SEO.

EDUCATION & CERTIFICATIONS

ADP — Computer Science

CS50 — Harvard University

A Levels

O Levels