

MUHAMMAD JUNAID

STAFF FDE / PRODUCT ENGINEER



CONTACT

LOCATION

Karachi, Pakistan

EMAIL

mjunaid7843@gmail.com

LINKS

GITHUB

github.com/ljunaid

LINKEDIN

linkedin.com/in/muhammad-junaid-pe

SKILLS

PRODUCT & UX

End-to-end product ownership, UX engineering, design-to-ship delivery, opportunity scoping, data-informed decisions

AI / GENERATIVE AI

Agentic & AI-assisted development (Cursor & Claude Code), Claude Design, Anthropic Claude API, Claude Agent SDK, MCP (Model Context Protocol), RAG, prompt engineering

FRONTEND

React, Next.js, Angular, TypeScript, JavaScript (ES6+), Redux / Redux Toolkit, styled-components, SCSS, HTML5, CSS3, Material UI, Tailwind CSS

FULL-STACK & BACKEND

Node.js, REST API design, PHP, end-to-end feature delivery

MOBILE & WEB3

React Native; wallet integration, NFT minting, on-chain transactions

HEADLESS CMS

Sanity, Builder.io, WordPress, Drupal

SALESFORCE / LIGHTNING

LWC, SLDS, Visualforce, Lightning design, Apex / Salesforce-class integration

TOOLS

Git, PostHog, Datadog, Agile, Vercel

PROFILE

I'm a Product Engineer who works where design, product, and engineering overlap. Across 7+ years I've owned user-facing products end to end, from spotting the opportunity and designing the experience through building, shipping, and iterating on the live feature. My work spans React, Next.js, TypeScript, and full-stack delivery with Node.js, with the most recent focus on AI-native, agentic development.

How I work: I hunt for the gaps in existing systems and go close them. I move decisively and dislike over-engineering, iterating fast and conversationally before locking a direction, pushing back when there's a simpler path, and staying strict only on the constraints that genuinely carry the product. I do my best work on high-energy teams with open, direct feedback, and I care about craft: what I build should feel like you're doing something, not watching it.

EXPERIENCE

10Pearls · Karachi, Pakistan

Staff UX / Product Engineer Jan 2024 - Present

- Own user-facing products end to end as a staff engineer, from UX and opportunity identification through build, ship, and iteration across frontend, full-stack delivery, and product decisions.
- Lead 10+ engineers and partner with data and product teams, setting technical direction and turning user behavior and analysis into shipped features.
- Build AI-native features (LLM-powered applications and agentic workflows), applying product judgment about where AI genuinely improves the experience.
- Ship full-stack features across React, Next.js, TypeScript, and Node.js services, owning frontend architecture end to end.

Senior UX Engineer Nov 2020 - Feb 2024

- Designed and built user-facing features across 8+ client products, owning the full path from design to production.
- Delivered extensively on the Salesforce / Lightning Platform (LWC, SLDS, Visualforce) and bridged into Node.js backend work to ship features independently.
- Raised UX and frontend quality with React, Next.js, and TypeScript, and mentored junior engineers on what to build, not just how.

Associate UX Engineer Nov 2018 - Nov 2020

- Built and maintained responsive interfaces with React, Angular, and modern JavaScript, establishing the UX-engineering foundation that grew into full product ownership.

SELECTED CLIENT WORK (10PEARLS, CONFIDENTIAL)

Global crowdfunding platform

My longest-running engagement: a global online fundraising platform. I work across the React / Next.js and TypeScript frontend and into the Node.js / NestJS services behind it, shipping donor- and campaign-facing features. The build pairs Builder.io for headless content with PostHog for product analytics and Datadog for observability, so the team can ship, measure, and monitor in one loop.

React, Next.js, TypeScript, Node.js / NestJS, Builder.io, PostHog, Datadog

Web3 NFT platform

A design-heavy Web3 product built on Next.js. I owned the UI/UX and frontend, translating an intricate, detail-rich design into a responsive dApp that handles crypto wallet integration, NFT minting, and on-chain transactions.

Next.js, wallet integration, NFT minting, on-chain transactions

CERTIFICATIONS

Generative AI Leader, Google Cloud (2026) *(onsite proctored exam)*

Google Data Analytics Professional Certificate, Coursera (2025)

Building with the Claude API, Anthropic (2026)

Claude Code in Action, Anthropic (2026)

Claude Code 101, Anthropic (2026)

AI Fluency: Framework & Foundations, Anthropic (2026)

Introduction to Claude Cowork, Anthropic (2026)

Claude 101, Anthropic (2026)

AI Fluency for Small Businesses, Anthropic (2026)

Enterprise risk-management product

A risk-management product delivered across two surfaces that share one experience: a React web app and a React Native mobile app. I built user-facing features on both, keeping the web and mobile interfaces consistent.

React (web), React Native (mobile)

Real-estate / property platform

A real-estate / property web platform delivered through a creative agency. I built the React frontend with styled-components and connected it to Sanity as a headless CMS, so content editors could manage listings and pages without engineering involvement.

React, styled-components, Sanity (headless CMS)

Multiple Salesforce / Lightning Platform builds

A run of Salesforce / Lightning Platform engagements for several organizations, including legal-advocacy and education nonprofits. The work spanned Lightning Web Components (LWC), SLDS, and Visualforce on the frontend, plus custom frontends layered over Salesforce and integration with Apex / Salesforce-class backends.

LWC, SLDS, Visualforce, Apex integration

B2B procurement & finance platform

A modernization of a B2B procurement and finance platform. I rebuilt and maintained the frontend in vanilla HTML, CSS, and JavaScript on top of a legacy .NET system, modernizing the interface without rewriting the underlying stack.

HTML, CSS, JavaScript (legacy .NET system)

Tech recruiting platform

A tech recruiting platform connecting candidates and employers. I built the Angular frontend with SCSS and Material UI against a Node.js backend, delivering both candidate- and recruiter-facing interfaces.

Angular, SCSS, Material UI, Node.js backend

Enterprise portals & marketing sites

A range of enterprise portals and marketing sites for telecom, language-education, and business-services clients. Stacks varied by engagement: React / Redux apps, PHP with vanilla HTML/CSS/JS, Drupal, and WordPress, with my focus on responsive, maintainable frontends across all of them.

React / Redux, PHP, Drupal, WordPress

SELECTED PROJECTS

WheelBuilds github.com/IjunaIdl/WheelBuilds

A fitment-aware e-commerce platform for wheels and tires, built by extending a MedusaJS 2.0 headless-commerce base into a full storefront. Includes three custom subsystems: a distributor-inventory pipeline that ingests SFTP CSV feeds and applies diffs on a 12-hour cron, a Year/Make/Model fitment engine so shoppers only see parts that fit their vehicle, and sub-second faceted product discovery via Meilisearch.

MedusaJS 2.0, Next.js 15, React 19, PostgreSQL, Meilisearch, Redis

Small Language Model Spec Experiments github.com/IjunaIdl/LocalCodingModelExp

An empirical study of where a small, locally-hosted coding model (Qwen2.5-Coder-3B on Apple MLX, 8 GB M1) stops producing numerically correct business logic. I built a five-rung spec ladder that holds the rules and targets constant and varies only how the spec is phrased, which pins the exact failure boundary: the model handles plain prose fine, but breaks the moment literal lookup tables are removed, not on the multi-tier and boolean constructs presumed to be the culprits. Re-phrasing the same ten rules in the model's dialect moved it from 1/12 to 12/12 on the first attempt, and the result holds at three times the rules (23/23).

Python, Apple MLX, Qwen2.5-Coder, LoRA fine-tuning

Identimal github.com/IjunaIdl/Identimal-ML

A biometric system that identifies individual cattle from muzzle-print photos, much like face recognition identifies people. A PyTorch model learns deep-metric embeddings exported to ONNX, and a companion Android app runs the full detect, embed, and match pipeline entirely on-device against a local vector database, so herd registration works in the field with no connectivity.

PyTorch + ONNX (ML), Kotlin / Jetpack Compose (Android)

Inspect github.com/ljunaidi/Inspect-monorepo

A multi-tenant SaaS that digitizes quality-control inspections for textile and garment manufacturing, built as a type-safe Turborepo. It runs guided photo workflows, statistical AQL accept/reject sampling (ISO 2859-1), and role-based access. Reports are tamper-evident, cryptographically signed with a hash-chained audit log, so buyers can independently verify a report was never altered.

Next.js 15, NestJS, Prisma, PostgreSQL (Turborepo)

PSX Shariah Trader github.com/ljunaidi/psx-predictor-ML

A machine-learning service for the Pakistan Stock Exchange that scores the most-liquid Shariah-compliant equities and returns a target portfolio, with names, weights, prices, and per-name slippage estimates, over a REST API. Built in Python with PyTorch time-series models.

Python, PyTorch, REST