

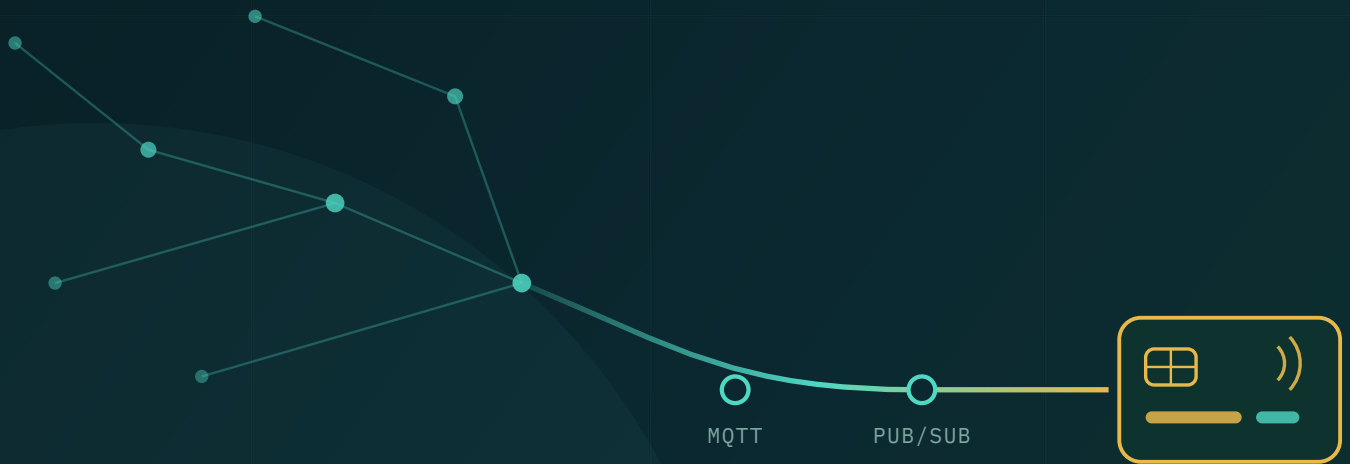
PROJECT PORTFOLIO - 2026

Obaid Ullah

Senior Software Engineer

Fintech · IoT · Distributed Systems

RIYADH · SAUDI ARABIA الرياض



Six years of building payments infrastructure, IoT platforms, and multilingual products across Saudi Arabia, Pakistan, Qatar, and France.

Node.js

TypeScript

GCP

AWS

Arabic/RTL

in [linkedin.com/in/iobaidu5](https://www.linkedin.com/in/iobaidu5)

gh github.com/iobaidu5

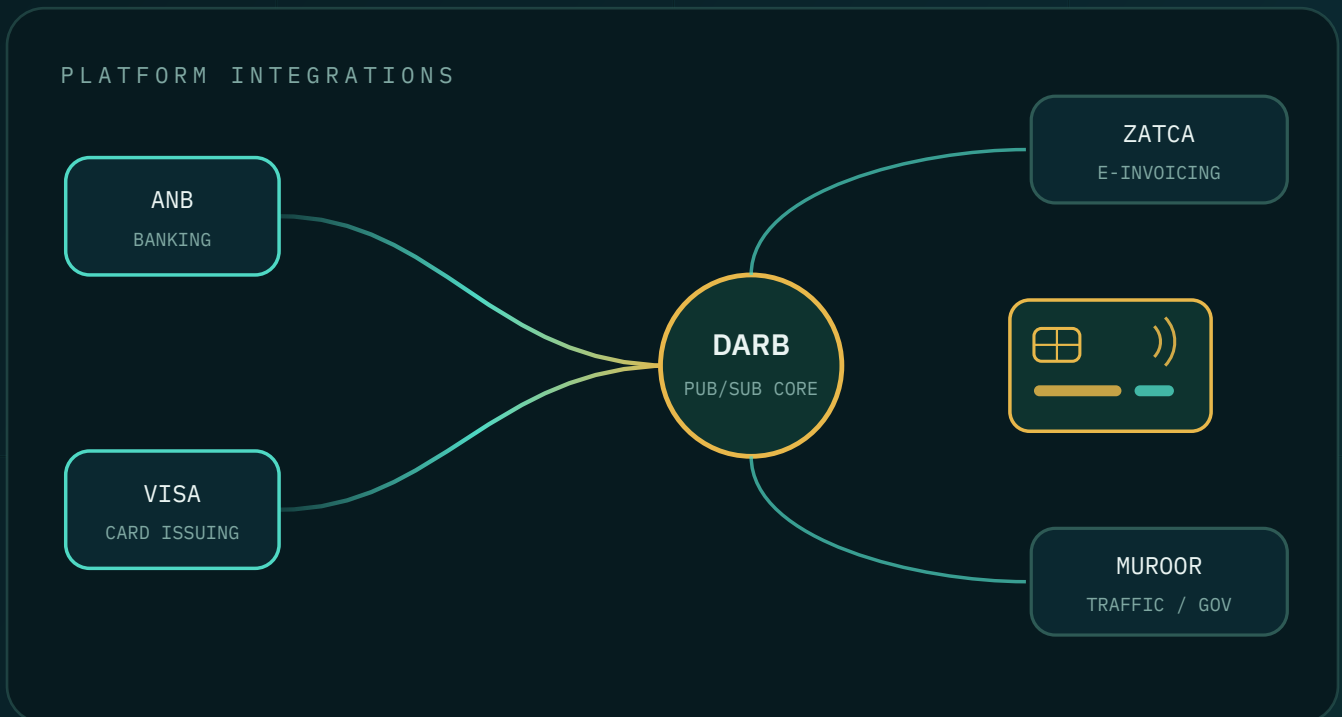
@ i.obaidu5@gmail.com

web iobaidu5.netlify.app

Darb — SAMA-Licensed Payments Platform

SENIOR SOFTWARE ENGINEER · FEB 2026 – PRESENT · RIYADH, SAUDI ARABIA

Darb is a SAMA-licensed corporate expense and AI fleet management platform for the Saudi market — fleet fuel cards, procurement cards, and digital petty cash for enterprise clients. I build core platform services end-to-end across backend, portal frontend, and integrations.



- Event-driven microservices in Node.js and TypeScript on GCP Pub/Sub, powering transaction notifications, spend controls, and portal features.
- Banking and government integrations: Arab National Bank, Visa card issuing, ZATCA e-invoicing, and Muroor traffic-violation detection.
- Multilingual notification and reporting engine with full Arabic/RTL support — VAT-compliant PDF and Excel financial reports with SAR handling.
- Client-facing delivery: Refer & Earn referral program, alert management UI, and admin/client portal features.
- AI-assisted engineering workflows (agentic coding tools) integrated into daily delivery.

Node.js

TypeScript

GCP Pub/Sub

PostgreSQL

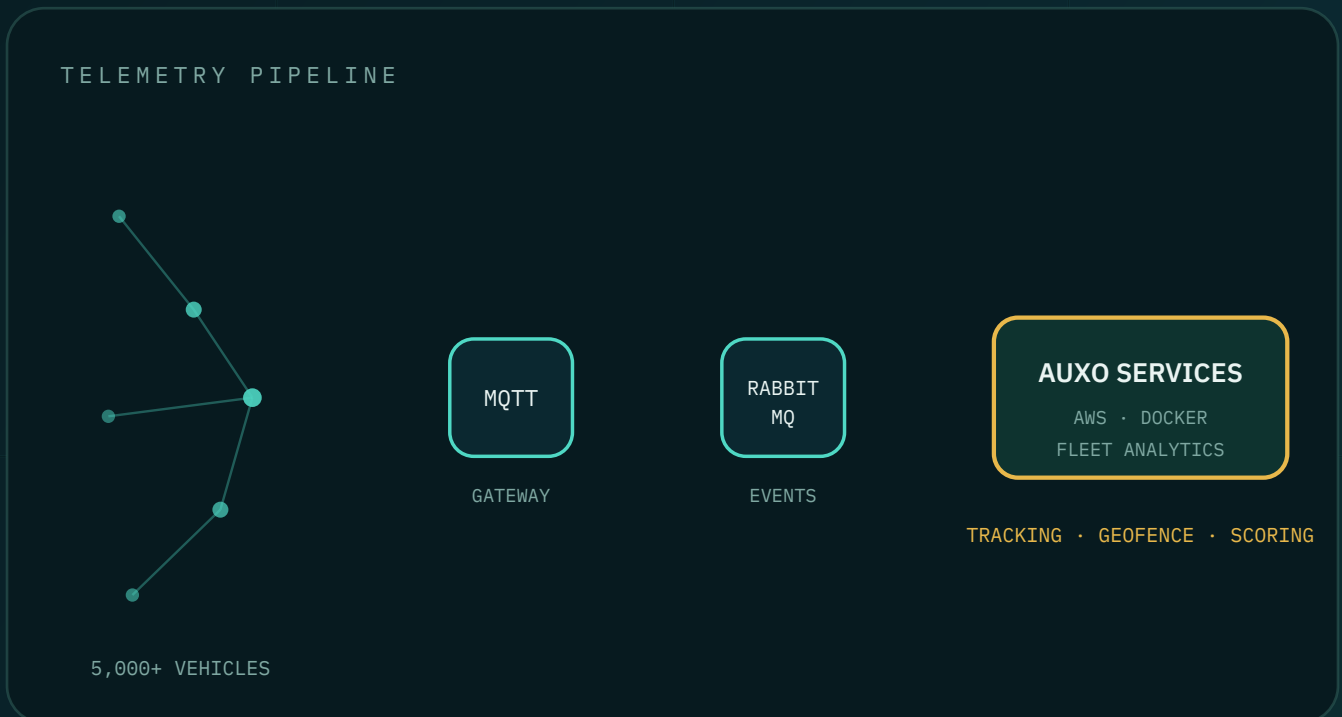
Arabic/RTL

darbpay.com · proprietary codebase — architecture & role detail available on request

AUXO — IoT Fleet Platform at Telecom Scale

FULL STACK DEVELOPER, IOT & M2M · TELENOR PAKISTAN · MAR 2024 — JAN 2026

AUXO is Telenor Pakistan's end-to-end fleet and asset management platform powered by advanced telematics — real-time tracking, driver scoring, geofencing, and trip analytics for an active base of 5,000+ connected vehicles.



- Microservices with event-driven architecture on RabbitMQ, cutting latency for real-time telematics — locations, violations, and geofence alerts.
- Device integration pipelines over MQTT/TCP for onboarding, event ingestion, and IoT data management at scale.
- Led legacy-to-cloud migration to AWS with Docker; 30% faster database response times via indexing and query optimization.
- Extended the platform across AUXO Fleet, Cold Chain, Genset, and Asset Management on shared IoT infrastructure.
- Contributed to the M2M SIM Management Platform — provisioning, APN, IP/URL whitelisting, secure enterprise connectivity.

Node.js

RabbitMQ

MQTT

AWS

Docker

React

telenor.com.pk/business/iot/auxo-fleet · supported 500% platform customer growth

EARLIER PROFESSIONAL WORK

Evamp & Saanga — Enterprise Telecom Web Apps

ASSOCIATE → FULL STACK DEVELOPER · AUG 2022 — FEB 2024 · ISLAMABAD, PAKISTAN

REACT / NEXT

Full-stack delivery for a software house serving enterprise telecom and financial clients — React/Next.js frontends over Spring Boot and Node.js services.

SPRING / NODE

- Developed and maintained 6 major applications including Configuration Portal, ZamaKP, Biller Portal, and SAMA Portal serving 10,000+ users.
- Engineered responsive interfaces with React.js and Next.js; implemented backend services with Spring Boot MVC and Node.js for critical financial applications.
- Integrated third-party APIs and payment gateways; conducted code reviews and testing strategies, reducing production bugs by 45%.

React Next.js Spring Boot Node.js Material UI

BHInternet — French Web Agency

SENIOR FRONTEND DEVELOPER & TEAM LEAD · FEB 2020 — JUL 2022 · ÉVRY-COURCOURONNE

Agency delivery at volume — home services, transport, hospitality, and local businesses across France, from concept to production.

40+

- Led frontend development for 40+ production client websites and web applications, managing a team of 3 developers with on-time delivery.
- Implemented responsive design and accessibility standards, achieving 95%+ Lighthouse performance scores across builds.
- Reduced bundle sizes by 40% through code splitting and asset optimization; established coding standards and mentored junior developers.

HTML/SCSS JavaScript Responsive SEO Performance Team Lead

TECHNICAL PROJECTS

Driverwave RiderApp

REACT.JS · NODE.JS · EXPRESS · POSTGRESQL · MICROSERVICES

- Built scalable ride-sharing platform supporting real-time GPS tracking, fare calculation, and payment processing.
- Implemented microservices architecture with message queuing, handling 1,000+ concurrent users; admin dashboard for ride analytics, driver management, and revenue reporting.

Einaya Takaful

NEXT.JS · REDUX · NODE.JS · MYSQL · AWS

- Developed health insurance platform with automated claims processing, reducing processing time by 70%.
- Implemented secure authentication and role-based access control; deployed on AWS with auto-scaling for high availability during peak usage.

Vogue Decor

NEXT.JS · SHOPIFY HEADLESS · TAILWIND CSS · STOREFRONT API

- Engineered headless e-commerce solution integrated with Shopify, processing 500+ monthly orders.
- Implemented server-side rendering for SEO, improving search rankings by 60%; custom Tailwind UI components for brand consistency across platforms.

Optiva Tec Selfcare

REACT.JS · CONTEXT API · MATERIAL UI · REACT HOOK FORM

- Developed telecom self-care portal for 50,000+ customers to manage services and billing.
- Implemented complex form validation and state management; integrated with telecom backend systems for real-time data synchronization.

Souq Al-Baladi — E-Commerce Platform

REACT.JS · NODE.JS · SOCKET.IO · PAYMENT GATEWAYS — AL BALADI GROUP, QATAR · 2022

- Developed end-to-end e-commerce platform supporting 5,000+ daily active users with real-time inventory management.
- Implemented live order tracking and notifications with Socket.io; integrated multiple payment gateways with an admin analytics dashboard.
- Optimized performance for 50% faster load times through code splitting and lazy loading.



OPEN SOURCE & SELECTED PROJECTS

Rest-Api-Express-AWS-Lambda

Serverless REST API — Express on AWS Lambda with CDK infrastructure-as-code.

TypeScript

Socialize-App

Full-stack MERN social platform — auth, posts, profiles, real-time feed.

MERN

E-commerce-Pro-Shop

MERN e-commerce store — cart, orders, payments flow, and admin dashboard.

MERN

Mini-Instagram

React + Firebase image gallery with uploads, auth, and animated UI.

React

Node MVC · REST · GraphQL

Node.js backend patterns — MVC, REST APIs, and GraphQL on MongoDB.

Node.js

Portfolio Website

Custom Next.js 14 + TypeScript + Tailwind site — this brand system, live.

Next.js

Full archive: github.com/iobaidu5

Professional platform work at Darb and Telenor is proprietary — the case studies on the previous pages use publicly available information. Deeper architecture walkthroughs are available in interviews on request.

40+ client sites shipped

6 stacks in production

4 markets served

CAPABILITIES

Backend

Node.js

TypeScript

Express

Spring Boot

REST

GraphQL

Frontend

React

Next.js

Tailwind

Material UI

Framer Motion

Cloud & Infrastructure

GCP Pub/Sub

AWS Lambda

AWS CDK

Docker

CI/CD

Data & Messaging

PostgreSQL

Prisma

MongoDB

RabbitMQ

MQTT

Redis

Domains

Payments & Fintech

IoT / M2M

Arabic/RTL

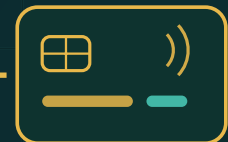
AI-Assisted Engineering

CERTIFICATIONS

AWS Certified Solutions Architect — Associate · AI For Everyone (DeepLearning.AI)

Crash Course on Python (Google) · Software Engineering Virtual Experience

B.Sc. Computer Software Engineering — University of Engineering & Technology Peshawar



Let's build something.

@ i.obaidu5@gmail.com

in linkedin.com/in/iobaidu5

gh github.com/iobaidu5

web iobaidu5.netlify.app

loc Riyadh, Saudi Arabia · open to relocation