



# Yasir Arfat

## Software Engineer & Systems Builder

I design systems that feel obvious—once they exist.

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### SUMMARY

Software engineer with 7 years building and shipping production web applications end to end — from ambiguous problem framing to deployed, operable systems.

Now focused on React Native mobile development and AI engineering: integrating AI deeply into existing products, and practicing AI-augmented development to move fast without giving up rigor.

I build applications that create human convenience — coherent systems that feel intuitive, inevitable, and quietly powerful.

### CURRENTLY FOCUSED ON

React Native mobile development

AI engineering & integration

AI-augmented development

Human-centered product systems

### EXPERIENCE

#### Software Engineer & Systems Builder

INDEPENDENT · YASIRO5

Design and ship full-stack products solo — architecture, interface, backend, infrastructure, and deployment.

- Built YasirOS ([yasirarfat.com](http://yasirarfat.com)): a browser-native operating system — a windowing kernel, app registry, and realtime layer hosting a platform of blog, tutorials, games, and social apps.
- Architected realtime systems — WebSocket presence, WebRTC calls with adaptive bitrate, and friend-graph messaging.
- Integrate AI into product surfaces and run AI-augmented workflows across the full delivery lifecycle.

#### Full-Stack Web Developer

FREELANCE & PRODUCT WORK

Delivered web applications across the stack for a range of clients and products.

- Shipped MERN and Next.js applications — authentication, REST and GraphQL APIs, and PostgreSQL / MongoDB data models.
- Owned performance, scaling, and deployment — Linux servers, Docker, CI/CD, and caching.
- Earlier work spanned Laravel / PHP and WordPress — a deliberate progression from vanilla JavaScript and CSS through to modern frameworks.

### SKILLS

#### LANGUAGES

TypeScript JavaScript Python PHP SQL

C / C++ Go

#### AI ENGINEERING

AI integration (LLM APIs) Prompt engineering

RAG & tool use Agent workflows

AI-augmented development

#### BACKEND

Node.js API design (REST, GraphQL)

Databases (PostgreSQL, MongoDB, MySQL)

Authentication & realtime systems Laravel / PHP

#### PRACTICE

System design Data modeling

Performance & scalability Debugging & testing

Documentation

#### MOBILE

React Native Expo Mobile UI / UX

Native module integration App store deployment

#### FRONTEND

React Next.js Modern CSS (Tailwind)

State & data management Realtime interfaces

#### INFRASTRUCTURE

Linux Docker

Cloud (AWS, Vercel, Firebase, Supabase)

Deployment & CI/CD

Caching, scaling, and server operations