



OHBOY CONSULTANCY  
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Book a Call



AVAILABLE FOR NEW PROJECTS

## Bridging Hardware, Software, & AI.

>Battle-Tested at Olympic |

One senior engineer delivering what typically requires 3 specialists and months of coordination. From prototype to production in weeks, not months.

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Systems Delivered For Global Events

OLYMPICS3 Games

FIFAWorld Cup

WIMBLEDONChampionships

NIKONMRMC

CANNESFilm Festival

SCROLL

/// ABOUT

## The "Ohboy" Moment

That moment when you realize: one senior engineer can deliver what typically requires 3 specialists and months of coordination.

Skip the hiring process, avoid vendor coordination headaches, and get your product shipped faster. With 20 years bridging hardware, software, and AI — I bring fractional CTO expertise at a fraction of the cost and time.



### Ship Fast

Weeks, not months. Prototype to production rapidly.



### One Expert, Full Stack

No team coordination overhead. Single point of contact.



### Battle-Tested

Olympic-scale systems that simply cannot fail.



### Lean Solutions

No over-engineering. Lower maintenance, lower cost.

20+

Years Experience

3

Olympic Games

25%

Accuracy Boost

23

GitHub Repos



2006

### Started Engineering Journey

Infosys

2015

### Joined MRMC/Nikon

London & India  
2017

## Principal Engineer

R&D Leadership

2024

## Founded Ohboy Consultancy

Dubai, UAE  
/// SERVICES

## What I Build

Specialized expertise across the full technology stack, from bare-metal firmware to cloud-scale AI systems.



### Technical Architecture & Consulting

Strategic technical guidance for product companies navigating complex engineering decisions. System design, code review, and fractional CTO leadership.

- ✓ System Architecture Design
- ✓ Technology Stack Selection
- ✓ Code Review & Quality Assessment
- ✓ Fractional CTO Leadership
- ✓ Technical Due Diligence

[Discuss Your Project →](#)



### AI/ML Solutions

End-to-end AI implementation from concept to production. LLM applications, medical AI, computer vision, and agentic systems.

- ✓ LLM Application Development
- ✓ AI Agent Development (MCP)
- ✓ Medical AI Solutions
- ✓ Computer Vision Systems
- ✓ Healthcare Analytics

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### Full-Stack Product Development

Complete product development from MVP to scale. Desktop applications, web platforms, CLI tools, and API design.

- ✓ Desktop Apps (Qt/QML, Python)
- ✓ Web Apps (FastAPI, React)
- ✓ CLI Tools (Rust, Python)
- ✓ API Design & Development
- ✓ CI/CD Pipeline Setup

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### Embedded Systems & Firmware

Hardware-software integration for IoT, robotics, and specialized devices. Real-time systems with mission-critical reliability.

- ✓ Firmware (STM32, ARM, TI DSP)
- ✓ OpenWRT Customization
- ✓ Real-Time OS (FreeRTOS)
- ✓ Protocol Implementation
- ✓ Hardware Debugging

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### Technologies & Frameworks

C++ Python Rust TypeScript Qt/QML React FastAPI STM32 OpenWRT FreeRTOS PostgreSQL Streamer Docker Git  
/// SELECTED WORK

## Portfolio

[All](#) [Enterprise](#) [AI/ML](#) [Open Source](#)

M  
Enterprise  
⌘Featured

### MRMC/Nikon Broadcast Systems

Led development of real-time motion control systems for robotic camera heads used in live broadcasts of the world's largest sporting events.

9+ years delivering mission-critical broadcast systems. Implemented MTP/PTP protocols across Windows, Linux, and STM32. Built real-time player tracking algorithms for FA Cup and Bundesliga broadcasts.

25%  
Accuracy Improvement  
3 Olympics  
Events Delivered  
C++14/17  
Qt/QML  
OpenWRT  
GStreamer  
STM32  
[Discuss Similar Project](#) ↗  
O  
AI/ML

### OrthoLogic Medical AI

Full-stack AI-powered orthopedic diagnostic platform with real-time inference capabilities.

Led end-to-end development including requirements specification, scalable architecture design, and CI/CD pipeline establishment.

Healthcare AI  
Type  
Python  
FastAPI  
React  
PostgreSQL  
AI/ML  
[Discuss Similar Project](#) ↗  
H  
AI/ML

### Healthcare Qualitative Analysis

LLM-based desktop application for qualitative data analysis implementing Braun & Clarke's six-phase thematic analysis.

Braun & Clarke  
Framework  
Python  
LLM APIs  
Desktop UI  
[Discuss Similar Project](#) ↗  
R  
Open Source

### Rust CLI Agent

Sophisticated command-line coding assistant supporting multiple LLM providers with intelligent orchestration.

Multi-provider support (OpenAI, Claude, Gemini, DeepSeek, Ollama). Extensible tool system for file operations, shell commands, and web search.

Rust  
Tokio  
Multi-LLM  
CLI  
[View Source](#) ↗[Discuss Similar Project](#) ↗  
M  
Open Source

### Meta MCP Server

FastMCP-based server for discovering, installing, and managing MCP (Model Context Protocol) servers.

Python  
FastAPI  
MCP  
[View Source](#) ↗[Discuss Similar Project](#) ↗  
[View All 23 Repositories on GitHub](#) ↗

## // ENGAGEMENT MODELS

### Simple, Flexible Pricing

Choose the engagement model that fits your needs. All packages emphasize value and outcomes over hours.

RECOMMENDED START

#### Discovery

Get clarity on your challenge

Free  
60 minutes

Initial consultation to deep-dive into your technical challenge. Walk away with clarity on approach, potential pitfalls, and recommended next steps.

- ✓ 60-min technical deep-dive
- ✓ Feasibility assessment
- ✓ High-level architecture discussion
- ✓ Technology recommendations
- ✓ No commitment required

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#### Architecture Sprint

Technical roadmap & design

Contact  
1-2 weeks

Intensive engagement for system design, architecture review, and technical roadmap. Ideal for startups pre-funding or companies at inflection points.

- ✓ System architecture design
- ✓ Technology stack definition
- ✓ Architecture diagrams & docs
- ✓ Risk assessment
- ✓ Implementation roadmap

[Get Quote](#)

#### Embedded Partner

Fractional CTO / Lead

Retainer  
Monthly

Ongoing fractional CTO or Lead Engineer engagement. Hands-on development, team mentorship, and technical strategy. Minimum 3-month commitment.

- ✓ Weekly hands-on involvement
- ✓ Code reviews & mentorship
- ✓ Architecture decisions
- ✓ Strategic planning
- ✓ Team hiring support

[Discuss](#)

#### Project Build

Full delivery

Fixed  
Scope-based

Fixed-scope product development. MVP builds, proof-of-concepts, or specific feature development. Includes requirements, design, implementation, and handoff.

- ✓ Requirements gathering
- ✓ Design & implementation
- ✓ Testing & QA
- ✓ Documentation
- ✓ Handoff & training

[Get Quote](#)

All engagements begin with a free Discovery Session. [Let's talk →](#)  
// LET'S CONNECT

## Let's Build Something Remarkable

Whether you need to bridge hardware gaps, architect a scalable AI solution, or just need a second opinion on your stack — I'm here. Every project starts with a free discovery call.



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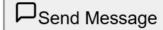
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Or book a call directly — it's free!

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Email

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or

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Built with grit and ⚡ in Dubai