ENGMA
Your trusted partner

ENGMA COMPANY PROFILE

Trusted partner in software development and digital transformation solutions

- **Consulting**
- **Implementation**
- **Operations Management**
- **Technical Support**
- **Maintenance & Optimization**

About Engma

Software development and digital solutions company • 12+ years of experience • Trusted technology partner

Engma is a professional and reputable software development company in Vietnam.

Specializing in developing applications, enterprise management software, software maintenance and upgrades, applying AI to systems, IoT, and providing skilled technical personnel.

Cross-industry experience, delivered for many international markets.

1 Core Capabilities

- Mobile App
- Web App
- ERP / Custom System
- Maintenance / Upgrade
- Software Talent
- Custom AI Solution

2 Industries Served

- E-commerce
- Healthcare
- Education
- Real Estate
- Manufacturing
- Logistics
- IoT

3 International markets: USA · Canada · Denmark · Japan · Hong Kong · Australia

Building flexible software solutions that drive business growth

International-standard quality · Flexible & efficient · Top-tier security · Experienced team

Engma's Team Capabilities

An experienced, multidisciplinary team ready to handle diverse and complex technology projects

Specialist Teams

- Developer Team
- Consultant Team
- Test Team
- Design Team
- R&D Team
- Admin Team

Technologies Used

Mobile

Kotlin | Swift | Objective-C | React Native | Flutter

Backend / Enterprise

Java | PHP | ASP.NET

Python | NodeJS | COBOL

Stack: Consulting · Development · Testing · Design · R&D · Operations

Comprehensive technology development capability: consulting, design, implementation, testing, R&D, and operations

Strengths

A foundation of Consulting – Implementation – Ongoing partnership that helps clients reduce risk and optimize investment

01

Consulting Experience

Understanding business requirements before writing software

02

Standardized Process

Reduces implementation risk

03

Cost-Effective Investment

Suited to businesses needing budget-friendly solutions

04

Comprehensive Support

Maintenance, consulting, and ongoing support after implementation

05

Cross-Industry Experience

Manufacturing · Education · Healthcare · Commerce · Real Estate

06

Up-to-Date Technology

Developing apps / web / AI in line with the latest trends

Partnering with businesses from consulting through implementation to optimize costs, reduce investment risk, and improve operational efficiency.

Engma's Core Solution Groups

Consulting – Software Development – AI Applications – Personnel Provision

1

ERP Consulting / Implementation

ERP consulting & implementation, focused on Odoo / custom ERP

Manufacturing · Trading · Distribution · Logistics

2

Mobile App Development

Custom mobile app design & development

Retail · Education · Healthcare · Logistics · Real Estate

3

Web App Development

Development of web apps, portals, and operating systems

SME · Enterprise · School · Hospital · Factory

4

Software Maintenance / Upgrade

Maintaining, modifying, and upgrading legacy software

Businesses with legacy systems

5

Software Development Personnel

Providing developers / testers / designers on a project basis

Companies needing an outsourced team

6

Custom AI Solutions

Applying AI to optimize operational processes

Automation · Chatbot · OCR · Data Analytics

ERP / Manufacturing / Odoo Custom

Odoo + customization tailored to Vietnamese manufacturing operations

01

Production Planning

Production planning · Work orders · Routing

02

MRP & BOM

Material planning · Multi-level BOM · Kits · Automated purchase suggestions

03

Warehouse & Inventory

Raw material inventory · Semi-finished goods · Complex warehousing

04

Quality Control

Incoming inspection · In-process · Final inspection · Non-conformance

05

Labor & Machine Capacity

Capacity-based scheduling · Task assignment · Performance tracking

TARGET CUSTOMERS

- Manufacturing plants
- Packaging / plastics / mechanical / food
- Trading companies with complex warehousing
- Businesses currently using Excel to manage production
- Already have Odoo/ERP but it doesn't fit their operations

Engma's ERP platform manages sales, inventory, accounting, HR, and business operations on a single unified system

E-commerce / Ordering / Loyalty

Building e-commerce platforms: digital sales, distribution, and customer care….

Engma has many related cases in

- **B2B2C e-commerce platform**
- **Points wallet, PayME, payment gateway**
- **Cross-platform ordering app**
- **COD & online payment**
- **Loyalty points, promotions, notifications**
- **Middleware e-voucher: Gotit, Sodexo, Urbox, POS KFC**

End-to-end system

- Catalogue & cart
- Order & payment gateway
- Loyalty & e-voucher
- POS integration
- Backend / middleware

TARGET CUSTOMERS

- Distributors
- Retail chains
- F&B chain
- FMCG companies
- Small/medium marketplaces
- Businesses with agent/dealer networks

A system that delivers comprehensive connectivity across user experience, operations, and reporting data

Education Platform

A comprehensive education management platform for online and offline training

CMS / ADMIN

- Overview dashboard
- Offline class management
- Online course management
- Question and exercise bank
- Online/offline student management
- Enrollment packages
- Document & lesson plan library
- Permission configuration

Full Integration

- Synchronized data
- Automated workflows
- Real-time reporting
- CMS connection · App/Web · Payment gateway
- Email / SMS / Zalo
- Flexible scalability

APP / WEB FOR STUDENTS & PARENTS

- **Online learning**
- **Doing homework**
- **Submitting assignments**
- **Viewing results**
- **Skill assessment**
- **Purchasing courses**
- **Online tuition payment**
- **Tuition due reminders**

An education platform with fully integrated features — from academic administration to online teaching and learning — delivering an effective management and learning experience.

IoT / Smart Device / AI Camera

Software Layer for Connected Devices

Engma has worked on

- **Remote device control app**
- **Scheduling device on/off**
- **Mobile app connecting to server & AI camera**
- **Baby care AI: facial recognition, breathing detection**

Software stack

- Sensor data
- AI analytics
- Automation
- Data insights
- Cloud backend
- Secure & reliable

TARGET CUSTOMERS

- Smart home
- Electrical devices
- Camera / IoT manufacturer
- Healthcare / Homecare
- Childcare product company
- Hardware needing an app/software layer

Engma turns hardware devices into complete digital products through mobile apps, backend, and AI integration — connecting and integrating smart devices and sensors into a unified system.

Real Estate / Building Management

Digitizing operations for buildings, residential areas, and real estate assets

Digitized Operations

Resident app · Connectivity · Asset management · Services · Payments

FEATURED APPLICATIONS

01 **Resident management app**

02 **Connecting management boards & residents**

03 **Monthly fee payment**

04 **Transaction history**

05 **Cleaning, repair, and food ordering services**

06 **Posting listings to buy / sell / rent**

07 **Shared asset management**

08 **Usage history, service bookings**

TARGET CUSTOMERS

- Real estate developers
- Condominium management boards
- Property management companies
- Urban residential areas
- Resort / villa ownership model

Engma can DIGITIZE OPERATIONS for buildings / residential areas

Healthcare / Maintenance / Quality / Safety

Specific operational challenges for healthcare, factories, and maintenance services

Notable cases

1 **Alo Doctor**

Online consultation · medical records · prescriptions

2 **Equipment Maintenance App**

Equipment monitoring · scheduled maintenance · incident alerts

3 **Warranty Tracking**

Activation · validity tracking · warranty history

4 **QR Payment**

QR code payment · VietQR · MoMo · ZaloPay · VISA

5 **Service Booking**

Select service · choose time · confirm · track

6 **Product Quality Management**

Quality inspection · metric tracking · reporting & traceability

7 **Occupational Safety Risk System**

Risk assessment · action management · safety monitoring · compliance

TARGET CUSTOMERS

- Hospitals / clinics
- Medical equipment companies
- Factories
- Equipment maintenance providers
- Businesses managing occupational safety
- Healthcare / Education / Government via HQG

Software that solves specific operational challenges: maintenance, warranty, service scheduling, quality management, and occupational safety.

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Thank you!

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