




DRIVING DIGITAL TRANSFORMATIONS THROUGH CUSTOM SOLUTIONS

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 Mantrax Software Solutions

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CONTENT

<u>Overview</u>	_____	03
<u>Our Services</u>	_____	04
<u>Our Values</u>	_____	09
<u>Our Processes</u>	_____	10
<u>Our Clients</u>	_____	11
<u>Testimonials</u>	_____	12
<u>Our Team</u>	_____	13



The Mantrax team is proactive and mitigating risks, which helps to keep projects on track and within budget. Their ability to consistently meet deadlines and deliverables is a testament to their dedication and expertise

Farough Motasemi

CTO, Anessa Biogas Software

SOFTWARE DEVELOPMENT AND ADVISORY SERVICES

We're custom software solutions specialists for brands, organizations and startups, specializing in services from minimal viable product development (MVP) to full-delivery mobile applications, membership portals, full stack development and e-commerce solutions.

Our Commitment: Differentiated, High-Quality, Guaranteed Services

+ One-year Warranty

+ White-Label Solution

+ Collaborative Resourcing Model

+ 100% Agile Development Process

+ Expertise in Large Scale Digital Transformations

We're here to help you rethink your IT strategy by embracing disruptive user-centric design and software architectural patterns. Two ways to engage Mantrax development services:



Dedicated Product Team

Your Outsourced
Development Powerhouse



Outsourced Development

Outsource Project Based
Development

OUR SERVICES

CUSTOM SOFTWARE DEVELOPMENT

We specialize in custom software development, offering a comprehensive range of full-stack services tailored to the dynamic digital landscape. As a leading custom software development company, we master the most popular programming languages for web and mobile application development, such as Angular, React, Node, JavaScript, Python, Java, C#, PHP, Ruby, Swift, Kotlin, iOS, Android, Flutter and Ionic.



Application Development

- New Product/Service Development
- Web Development
- Subscription Based Services
- Marketplace Apps
- Payment Gateway Setup
- Mobile Applications
 - Hybrid
 - Native
 - PWA
- Application Modernization



Backend Services

- Backoffice Software
- API Development
- Monitoring and Optimization
- Disaster Recovery & High Availability (DR/HA)
- Integration Services
- Migrations and Updates



Data Services

- Data Architecture
- ETL/ELT
- Database Design
- Performance Tuning
- Process Monitoring
- MDM and Governance



Cloud Solutions

- Cloud Architecture Design
- Cloud Native Development
- Subscription Based Services
- Infrastructure Setup (Terraform, Ansible)
- Cloud Migrations
- Usage Monitoring

OUR SERVICES

LEGACY SOFTWARE MODERNIZATION

We work with businesses and software modernization teams to transform legacy platforms into modern, functional applications that meet the needs of today's market including Mobile, Cloud, IoT, API, and Microservices using agile software development processes.

We start with a comprehensive Technical and Functional Analysis before Initiating Modernization.

We explore various technical paths to modernization based on business objectives and technical feasibility.

 Designing an Engaging Discovery Phase

 Functional Analysis

 Technical Legacy System Review

 Guided by Industry Prowess

 Discovery Phase Output



Encapsulate



Rebuild



Re-platform



Reassess



Rehost (Lift-and-shift)



Replace



Re-architect



Reimagine

[Explore Our Comprehensive Legacy Application Modernization Service Page](#)

OUR SERVICES

CLOUD SOLUTIONS

At Mantrax Software Solutions, we're your trusted partner in harnessing the full potential of cloud computing. Our cloud services are designed to empower your business, offering a wide range of solutions that cater to your unique needs. Explore the world of the cloud with us and unlock the true potential of your infrastructure.

Cloud Agnosticism

We take a fully agnostic approach when it comes to cloud providers. Whether it's Azure, AWS, GCP, Digital Ocean, or any other cloud platform, we have the expertise to guide you and implement solutions that align with your preferences and business objectives.



On-prem to Cloud Migrations



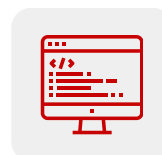
Hybrid Cloud Setup



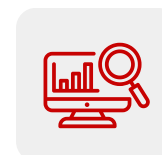
Cloud Security



Disaster Recovery



Infrastructure as Code



Log Monitoring

OUR SERVICES

MOBILE APP DEVELOPMENT

Whether you need a customer-facing app, an enterprise solution, or a niche industry-specific tool, we leverage our expertise to turn your ideas into reality. With a focus on delivering robust performance, seamless user experiences, and a visually stunning interface, we are committed to helping your business thrive in the mobile landscape.



Hybrid



Native



Progressive Web App



Cross-platform

Full end-to-end mobile development services, starting with the right technical stack selection based on factors such as:

- Platform
- requirements
- Scalability
- Developer expertise
- Integration
- Community Support
- Cost
- Security

OUR SERVICES

AI ENABLEMENT

Semantic Segmentation

Discover the power of semantic segmentation to revolutionize your visual data analysis. Our services unlock a myriad of opportunities, from medical imaging to augmented reality, enhancing both user experiences and operational efficiency.

Face Detection & Recognition

Elevate security, personalization, and user experience through cutting-edge face detection and recognition services. Our AI-driven solutions reshape industries, offering convenience and transforming access control, retail experiences, and personalized marketing campaigns.

Explore the possibilities for your business and join the forefront of security and user personalization revolution.

OCR & NLP Services

Turn unstructured text into valuable insights with Optical Character Recognition (OCR) and Natural Language Processing (NLP). Our OCR and NLP services enable you to extract, understand, and utilize textual data, giving your business a competitive edge. Analyze customer reviews, extract key data from documents, or understand sentiment analysis, removing information overload.



Cloud Notebooks



Data Engineering/
Pipeline Design



Data Collection
& Analysis



Intelligent
Automation



CI/CD

OUR VALUES

We offer you peace of mind.

Regardless of project size, if we agree to work together, we will collaborate with you every step of the way from concept to the go live date.

We are agile and adaptive.

Our operations are fully agile, adapting swiftly to software changes. Our flexible, collaborative approach ensures projects are delivered on time and within budget, meeting evolving client needs.

Graceful Degradation is important to us.

Things go wrong! We believe in old man Murphy. That's why we put emphasis on edge-case testing and path coverage. This ensures that your application doesn't break or show those cryptic error messages when the user enters "apple" when asked for her/his date of birth.

Test Drive Development – for real.

We uphold true Test Driven Development (TDD) by rigorously testing all aspects, ensuring one year of bug fixes. No feature makes it to staging or production without passing unit tests, using tools like Mocha, Karma, Robot, and PyTest.

Uber focus on customer experience.

We develop software with humans in mind. Intuitive and seamless user experience is at the forefront of everything we do.

We believe in Transparency.

We maintain transparency throughout the product development lifecycle, from Discovery to Post-Launch support. This involves clear communication about timelines, budget, and the project's overall health, including proactive identification of risks and challenges.

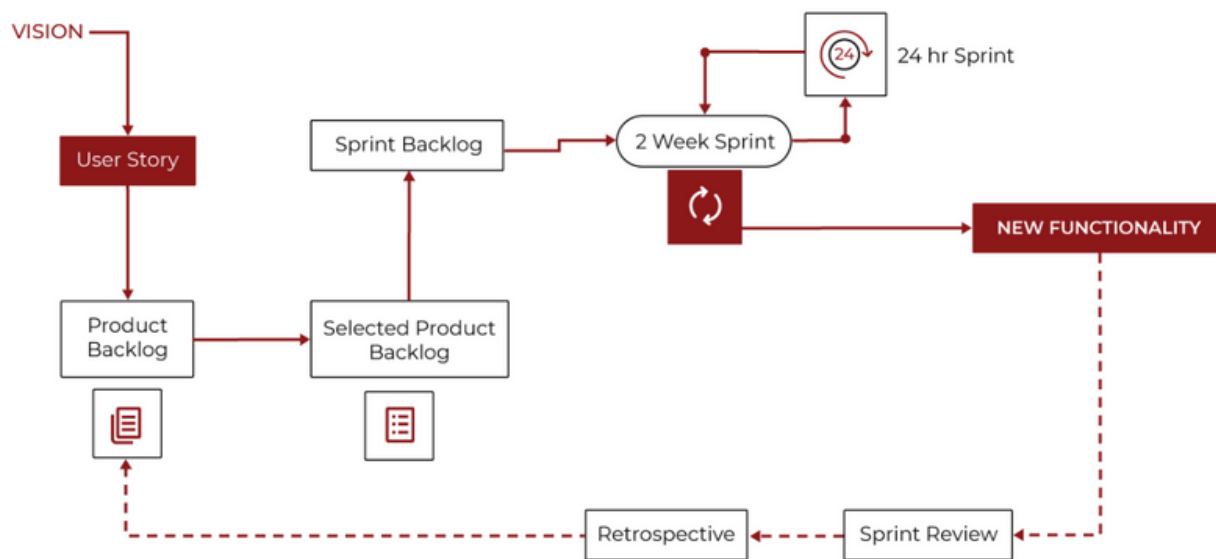
We stick to the The Twelve Factor App guidelines.

We dig into best practices. We learn from what's been battle-tested and recommended by renowned geeks out there. One of our favorite and most practical guidelines is the Twelve Factor App. We have adopted these guidelines for a few years now and we are very proud of the results.

OUR PROCESSES

Fully Agile and Transparent Processes

We follow an Agile Software Development Methodology for every project. This proven method ensures timely, stress-free, cost-effective delivery of software projects. **Two-week development sprints. Daily stand-ups.**



Explore Our Support
Services

- + Quality Assurance
- + Training, Service and Support
- + Post-Launch Support

SELECTED CLIENTS



Mantrax brings big-consulting firm methodology and experience at a fraction of the cost compared to larger advisory firms. They are our go to resource for a scale, companywide project management needs. Mantrax brings cross-functional expertise that is ideal for global programs such as analytics.

Tony

President, Barrday – Advanced Material Solutions Company

CLIENT REVIEWS

What Our Clients Are Saying About Working With Us

“

The Team at Mantrax combines a deep and thorough knowledge of leading software development solutions with first-rate skill and dedication to their work. Their people know how to balance speed, costs and quality in a product and – when facing unknowns and making decisions that will impact the future of your organization – they offer honest accountable and credible counsel delivered in an environment of open and ongoing communications.”

Ian Gillespie

Director of Communications, Directors Guild of Canada

“

Without any exaggeration, all of the work they so far completed has been to my complete satisfaction – all sprints were completed on time as planned and deployed successfully one time. I wish I had met them in 2016 so I did not have to waste my time and money (and face so much frustration) with the other three developers

Cemal Acikgoz

Partner, Acikgoz Law

OUR TEAM

Robust Software. Human Touch.

As Your Trusted Collaborator, We Seamlessly Integrate as an Invaluable Extension of Your Team, Offering Expertise, Strategic Insights, and Software Development Resources to Achieve Your Boldest Objectives.

Leadership



**CHINKAL
PATEL**

*Partner &
Principal Consultant
chinkal@mantrax.io*

Ex-Deloitte Consultant with 20+ years of cross-functional experience in diverse industries. Over 10+ years of experience delivering large-scale digital transformations. Chinkal collaborates with clients to develop pragmatic project management and change management strategies for digital transformation projects.



**KALYAN
CHATTERJEE**

*Partner & Principal
Solution Architect
kalyan@mantrax.io*

An experienced and passionate software engineer with over 15 years of proven record in developing applications for nonprofits, retail, services, sports and automotive sectors. Kalyan has designed and built applications for start-ups to large Canadian public corporations.

Comprehensive Resources

We are a comprehensive end-to-end development team with the capabilities to deliver projects seamlessly from design through launch and post-launch maintenance.

- Project Managers
- Solution Architects
- UX/UI Designers
- Backend Developers
- Security Architects
- Quality Assurance Analysts
- Database/ETL Engineers
- Full Stack Developers
- Cloud Solution Architects
- Business Systems Analysts

100% agile development led by Partners with hands-on experience in delivering digital transformations for large Canadian public organizations and the big four consulting firms.

What to Expect When You Partner With Us



Speed Market

Build your application fast. We use an Agile development process. You see a shippable product every 2 weeks and can make changes each cycle. You can attend each end-of-sprint demo.



Built for Humans

A Flawless Customer Experience. App development starts with great UX and interface design. We ensure your needs and those of your customers are thoroughly addressed.



Mobile First

Mobile 1st Design. More than 80% of website traffic comes from mobile devices. We develop our mobile software with a deep understanding of all the factors that affect mobile performance.



Cost Effective

Talented developers producing shippable code every day allow us to minimize the learning curve and maximize quality. This means projects are done on time and on budget.



Scalable

Our team has scalability and practicality in mind. Our modular approach allows you to test your idea and then scale as you grow. Our expert team helps you choose the right tech to get the highest ROI.



Experienced

Access experienced developers with your budget on your terms. You will be at ease with our reliable, high-performing software based on our engineering, principles, testing, and QA.

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