

Professional Services Team Skillset

We have an onshore network of seasoned and highly skilled engineers at our disposal. The team is top 5% talent in their respective areas as compared to the rest of the available engineers on the market. For this reason, we can produce software quickly, at a predictable high-quality level, and with minimal ongoing technical debt.

Because the engineers can each individually cover architecture and implementation, they are able to get up to speed quickly and provide a solution that fits into the customer's architecture, is functionally complete, tested, and works at scale.

The team has expertise in many domains, languages, and development methodologies. The list below provides an overview of the team skillset, but should not be viewed as exhaustive:

DISCIPLINES

- Team Management
- Requirements Definition
- System/Product Design
- Enterprise-level Architecture Definition and Technical Oversight
- Code-level Standards and Design Patterns
- Cybersecurity Design, Implementation, Review
- Internal- and Customer-facing Documentation

PLATFORMS

- Microsoft Windows
- Linux
- Oracle Database
- SQL Server Database
- Android/IOS
- Kubernetes/Docker
- Microsoft Azure
- Amazon Web Services

LANGUAGES

- Microsoft .Net
- JavaScript/TypeScript
- Java
- Python

METHODOLOGIES

- DevOps, Agile, Iterative
- Secure Development Lifecycle
- Macro- and Micro-services

INFRASTRUCTURE AND AUTOMATION

- On-Premises and Cloud-based Software
- DevOps and Deployment Automation
- Source Code Management (SCM) Implementation, Maintenance, Migration
- Git, Perforce, Subversion, TFS
- Continuous Integration and Continuous Delivery (CI/CD) Automation
- Test-driven Development
- Metrics Monitoring (ELK/Prometheus/Grafana)

APPLICATION DOMAINS

- Enterprise-level IoT Device Management and Data Collection
- Analytics and Big Data
- Embedded Firmware (RTOS and Linux-based)
- IPv4/IPv6/Mesh Networks
- Machine Learning/AI
- Digital Twins

OTHER SKILLS

- RFP Consultation and Review
- System Simulation and Load Testing
- Solution Issue Identification and Resolution
- Interprocess Communication (REST/SOAP/GraphQL)
- Blockchain
- Database Design and Performance Tuning