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Capability Statement

Company Summary

NAICS CODES:

- 511210 Software Publishers
- 541330 Engineering Services
- 541511 Custom SW Development
- 541512 Computer Systems Design
- 541519 Other Computer Services

TKLABS, Inc., a Florida, USA based Design Center, is a cost-effective strategic Research and Development firm providing custom development-for-manufacture product development services. We specialize in IoT embedded software development of communication systems as well as cloud and mobile solutions. In business for 25 years, we serve as an R&D extension assisting your engineering teams meet your product development and test objectives. Our unique skill-set and strategic partnerships allow us to offer “end-to-end” full-life-cycle development experience to our customers.

Core Competencies

- Embedded SW
- IoT – Edge Computing
- Electronic Hardware Design
- Communication Protocols
- OEM Integration Services
- Low-power/battery devices
- Mobile and Web Application Development
- Client-Server Development
- Test and Test Automation
- Tools Development

Past Performance

Our professional team has over 100 years of experience in the development of market-ready communication products and software engineering.

- Hardware and Software for an Industry First Fully Wireless Commercial Fire Alarm System
- Embedded Control Code for Digital Cameras on Virtual Reality Headgear
- Mobile Application Development for 360-degree video (iOS/Android)
- Hardware, Firmware and Cloud Software for an IoT GPS Commercial Tracker Solution
- Accelerometer Based Physical Therapy Mobile Application
- 4G/LTE Communications Board for Aircraft
- Aircraft LRU Embedded Software/Firmware and Qualification SW Development
- Hardware and Firmware Development for Vehicle-To-Vehicle communication
- 3D Space Visualization Software

Companies we have worked with:

- Tyco Fire & Safety, Inc.
- ADT
- Motorola, Inc.
- Avionics, LLC
- 3M Scott Safety Fire & Safety
- Hapttech Defense Systems
- Thales InFlyt, E-Security
- InventureTrack
- Florida Atlantic University
- Magic Leap, Inc.
- Bacon Unlimited
- Snap-on, Inc.

KEY PERSONNEL:

Rakesh Jhaveri – President, CEO
 Douglas Lenz – CTO

CONTACT INFO:

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