

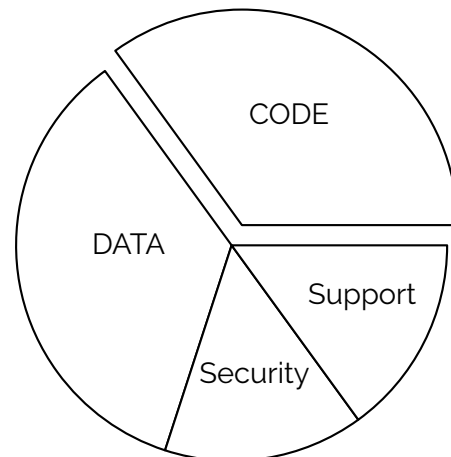
Capability Statement

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WHO WE ARE

We are a minority, woman-owned small business with a passion for clean, performant, and sustainable code. Our team represents decades of experience in building industry-leading software solutions at scale, with expertise in software development, system architecture, testing, database management, cloud orchestration, security, and data analytics.

CORE COMPETENCES



PERFORMANCE CASE STUDIES

Case 1
App

Online Employee Wellness Platform

Developed an app platform for a large institutional client. Tools for managing team wellness (e.g. university vaccination records). Mobile app access for team members. API integration with PeopleSoft records. Automated reporting and compliance.

Rails | Vue.js | PostgreSQL | Heroku | Vercel

Case 2
Network security

Detect Fraudulent Traffic

Implemented machine learning techniques to monitor 50k+ requests per minute to detect and block fraudulent ad traffic, increasing revenue and preventing unauthorized access to user transactions.

AWS | Lambda | SageMaker | Redis

Case 3
Data analysis

Social Media Segmentation

During the COVID-19 Public Health Emergency, our team worked with partners at the Center for Disease Control to collect and study millions of vaccine-hesitant messages online with the goal of tailoring a nation-wide social media campaign to target at at-risk demographics, measurably improving public health outcomes.

Python | Spacy | TensorFlow

ADDRESS

Iota Tech Systems LLC
2727 Palisade Ave. #15J
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REGISTRATIONS

UEI V22CJ8M2D7K5
CAGE 9C2P9

NAICS

541512 Computer Systems Design Services
541511 Custom Computer Programming Services
518210 Data Processing, Hosting, and Related Services