

Capabilities Briefing

Emerging Technologies

IT Modernization

Web/Mobile Development











UEI: KAR6JDB1HJ16 · **CAGE:** 5HC49

Mike Endale · (202) 844-2969 · mike@blencorp.com · blencorp.com



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Company Overview

Emerging Technologies

- Robotic Process Automation (RPA)
- Artificial Intelligence (AI) / Machine Learning (ML)
- Data Analytics
- Enterprise LLMs

IT Modernization

- Software Development / DevSecOps
- Amazon Web Services (AWS)
- Microsoft Azure / Google Cloud Partner

Human-Centered Design

- Product Design, UI/UX, 508 Compliance
- Drupal Content Management System (CMS), WordPress,
 React, Next.JS
- Microservices
- Web/Mobile Development

Leadership & Focus

- 19+ Years Experience in Private & Public Sectors
- Outstanding past performance with multiple federal and private sector customers
- A technology leadership team that worked together for over a decade

Strategic Partnerships

- Amazon Web Services (AWS)
- Microsoft Azure
- Google Cloud Partner

Contract Vehicles

Seaport NxG, T4NG

NAICS

541511, 541512, 541519, 541611, 541618, 541690

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Our Clients































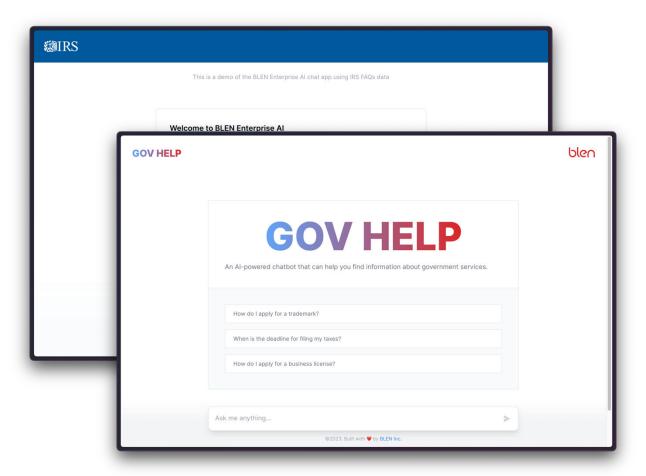






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Generative Al



Background

Our team has been developing Machine Learning enabled systems since 2015 and since the introduction of Generative AI, our team has leveraged the best of breed technology to support federal agencies' mission.

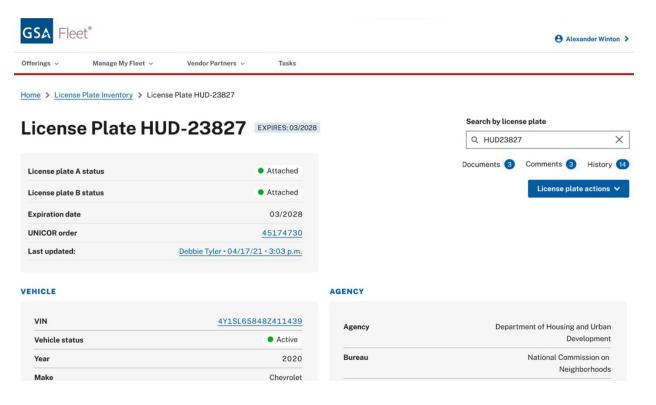
- Retrieval-Augmented Generation trained on specific dataset
- Offline capable small language models
- Fine-tuned AI models that can be deployed within customer tenant



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GSA Fleet Management

Public URL: gsafleet.gov





Background

The GSA manages over 650,000 vehicles, and our solution sought to make their task easier and more efficient. Since 2020, we supported the transitioning from the legacy system to a cloud-first architecture to meet the future needs.

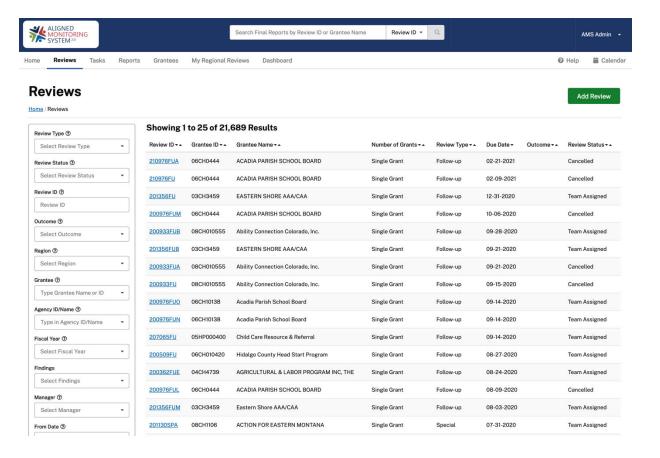
- Human-Centered Design (HCD) using the United States Web Design System (USWDS)
- Microservice architecture
- DevSecOps Pipeline
- AWS, GraphQL, Postgres, React
- 508 Compliant and responsive design



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Head Start Grant Monitoring

Public URL: itams.ohs.acf.hhs.gov





Background

The Head Start is a \$10 Billion grant. BLEN, Inc. helped HHS transition a 15-year-old grant monitoring platform to a modern, cloud-native application.

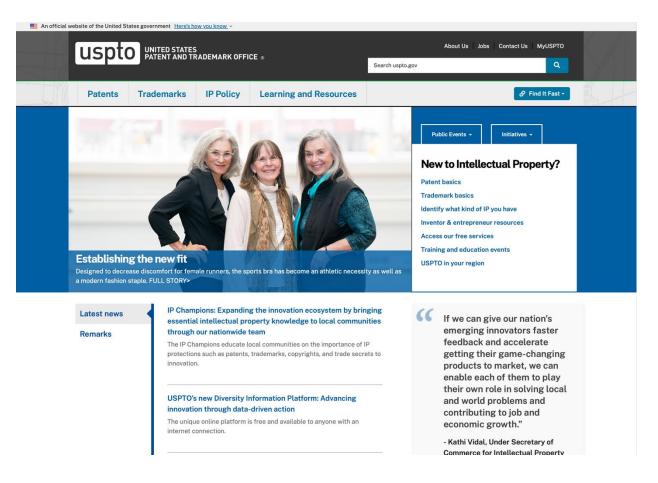
- Human-Centered Design (HCD) using the United States Web Design System (USWDS)
- Service architecture
- DevOps Pipeline using Jenkins
- 508 Compliant and responsive design



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USPTO.gov

Public URL: uspto.gov





Background

With 2.4 million visits monthly, USPTO.gov is high a profile website and our team built and supported it since 2015. We migrated it to AWS and our work is recognized as the "world's most accessible IP office web platform".

- Human-Centered Design using USPTO
 Design System
- Drupal Content Management System (CMS)
- Apache Solr for indexing & search
- 508 Compliant and responsive design

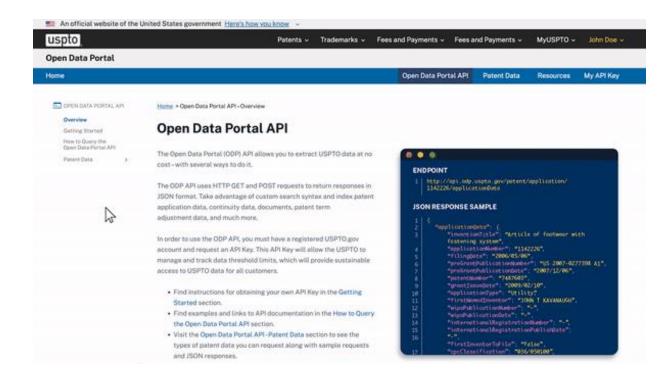


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USPTO Open Data Portal

USPTO

Public URL: developer.uspto.gov



Background

Since 2016, our team had an active role in the design, architecture and launch of the USPTO Open Data portal. It is the unified platform of all public patent and trademark data that is used by millions of users.

- Human-Centered Design using USPTO
 Design System
- REST API
- Drupal Content Management System (CMS)
- RPA Pipeline to process data
- Apache Solr for indexing & search
- 508 Compliant and responsive design

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Leadership

Our leadership team is made up of experienced and impassioned experts with decades of proven experience, leading high-profile technology projects in support of the federal government's demanding requirements.



Ephrem M. Girma

President



Henok Mikre

Director, Delivery



Vice President



Naod YeheyesDirector, Engineering

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Mike Endale

Co-founder & Vice President

mike@blencorp.com

(202) 844-2969

Washington, DC Office

200 Massachusetts Ave. NW, Suite 08-162

Washington, DC 20001