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Here's a refined and NDA-compliant **"About Us"** section for the consultancy, now incorporating a generalized overview of their publication record:

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### About Us

We are a global consultancy at the intersection of **space systems engineering, climate resilience, and planetary health**. Our team brings together deep expertise in aerospace design, geospatial intelligence, and environmental health to solve complex challenges using space-based technologies and data science.

### Our Mission

To empower governments, research institutions, and private enterprises with innovative, data-driven solutions that leverage satellite systems and Earth observation for sustainable development, public health, and climate adaptation.

### What We Do

- **Satellite Systems Engineering:** We design, test, and deploy CubeSats and microsatellites for scientific, commercial, and educational missions. Our work includes structural integration, thermal diagnostics, and deorbiting mechanisms for low Earth orbit platforms.
- **Climate & Environmental Intelligence:** We apply remote sensing and GIS to assess coastal vulnerability, urban heat islands, and flood risks. Our models have informed climate adaptation strategies across West Africa and beyond.
- **Planetary Health & Data Science:** We integrate AI, geospatial analytics, and epidemiological modeling to forecast disease outbreaks, assess air quality impacts, and guide climate-smart public health systems.

### Our Research Impact

Our team has contributed extensively to the global body of knowledge through peer-reviewed publications, technical reports, and collaborative research. These works span:

- **Satellite mission design and qualification**, including CubeSat platforms and microsatellite bus systems.
- **Geospatial modeling for climate risk assessment**, with applications in agriculture, urban planning, and disaster management.
- **Environmental health analytics**, focusing on the intersection of climate change, air quality, and infectious disease dynamics.

- **AI-driven decision support tools**, integrating Earth observation data with public health and environmental metrics.

These publications have been featured in leading scientific journals and presented at international conferences, reflecting our commitment to rigorous, impactful, and ethically grounded research.

## **Global Reach**

With experience spanning **Africa, Asia, and North America**, we collaborate with universities, space agencies, and public health institutions to deliver solutions that are scientifically rigorous and socially impactful.

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Would you like help drafting a name, tagline, or visual identity for the consultancy next?

Ibukun Adebolu