Project Orion - Internal Preview of ZAVA's Predictive Routing Engine

This technical brief introduces Project Orion, ZAVA's AI-powered routing engine. It includes:

- A product vision statement: "Orion will redefine delivery intelligence through predictive modeling and real-time optimization."
- System architecture overview: model pipeline, data ingestion layers, fallback logic, and telemetry hooks.
- Early benchmarks: 18% reduction in delivery time, 12% improvement in fuel efficiency, and 9% fewer routing errors.
- Integration roadmap with ZAVA's logistics platform, including API specs and staging environments.
- Risk mitigation strategies: model drift detection, edge case handling, and human-in-the-loop overrides.
- Sprint milestones, pilot launch goals, and engineering leads.
- A section on ethical AI and bias mitigation in routing decisions.

The final page includes links to design docs, GitHub repos, and internal discussion threads.