

FARAI CHIRAWU

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PROFESSIONAL SUMMARY

Results-driven Business Intelligence Developer and AI Solutions Architect with 16+ years of experience delivering end-to-end data and AI solutions across U.S. and international markets. Specialized in Oracle Analytics Server, Power BI, AI-assisted application development, and enterprise data transformation. Proven ability to design impactful dashboards, lead technology adoption, optimize complex data pipelines, and extract actionable insights that drive strategic decision-making. Passionate about data democratization and leveraging AI to drive digital transformation in emerging markets.

TECHNICAL SKILLS

AI & Generative AI: ChatGPT, Claude, Perplexity, Gemini, DeepSeek, Cursor, AI-assisted coding, prompt engineering

Reporting & BI Tools: Power BI, Oracle Analytics Server (OAS), OBIEE 11g/12c, Tableau, SSRS

Databases: Oracle 10g/11g/12c, MS SQL Server, MySQL, Firestore, SQLCipher

Data Integration & ETL: MS SSIS, Oracle Data Integrator (ODI), SQLCipher-to-Firestore pipelines

Programming Languages: SQL, Python, JavaScript, Java, PHP (Laravel), Dart/Flutter, DAX, D3.js, HTML/CSS

Cloud & Platforms: Azure, Firebase, Django, WordPress/Elementor

Other Tools: MS Office Suite, SQL Developer, Visual Studio, Git

PROFESSIONAL EXPERIENCE

Lead AI-Assisted Application Developer

Biomedical Research and Training Institute (BRTI) — Contract

May 2025 – Present | Harare, Zimbabwe (Remote)

- Lead end-to-end development of Tstime Care, a cross-platform mobile health education app (iOS/Android) using Flutter, enabling testing across 5+ district community clinics and providing nurses with offline access to training materials.
- Accelerate software development speed by 70% through strategic use of AI coding assistants (ChatGPT, Claude) while upholding strict standards for code quality and system architecture.
- Build backend infrastructure using Django/Python, integrating Firestore (cloud NoSQL) and SQLCipher (encrypted mobile database) for secure data processing and validation.
- Design comprehensive data architecture and embedded analytics for health research data collection, applying 16+ years of BI expertise to ensure high data integrity and user-centric reporting.
- Implement role-based access control (RBAC), data classification protocols, and row-level security to ensure authorized access only.
- Design and implement ETL pipelines synchronizing offline mobile data (SQLCipher) with cloud data warehouse (Firestore), handling validation, transformation, and conflict resolution.
- Collaborate with health researchers and program managers to align technical outputs with research objectives, managing timelines and deliverables throughout the full lifecycle.

Senior AI & Data Strategy Consultant

Fronteras Advisory — Contract

Jan 2024 – Feb 2025 | Harare, Zimbabwe (On-site)

- Provided strategic advisory services to African investment portfolio companies on AI adoption, data-driven decision-making frameworks, and digital transformation roadmaps aligned with emerging market opportunities.
- Led AI transformation initiatives, evaluating and implementing AI-assisted development tools and ML capabilities to accelerate software delivery cycles and competitive positioning.
- Conducted comprehensive feasibility assessments for integrating AI/ML capabilities into enterprise applications, advising executive leadership on leveraging AI for operational efficiency.
- Designed data architecture and analytics strategies for portfolio companies transitioning to AI-enabled business models.
- Developed business value use cases for data analytics, AI, and ML applications, demonstrating measurable business outcomes.

- Established data governance policies and data quality management processes, implementing data stewardship roles, metadata management, and data cataloging initiatives.

Senior Business Intelligence Developer

Mazda North American Operations — Contract

Mar 2019 – Nov 2023 | Irvine, CA (Remote)

- Led enterprise-wide analytics platform migration from Oracle OBIEE/OAS to Azure and Power BI, managing change across multiple business units with zero business disruption.
- Designed and delivered a comprehensive training program for 50+ business users across sales, finance, and operations, achieving a 40% reduction in report development turnaround time.
- Spearheaded Power BI rollout across multiple business units, reducing report turnaround by 50% and accelerating self-service analytics.
- Collaborated with cross-functional teams to enhance and maintain 27+ dashboards across key departments, aligning analytics with evolving KPIs.
- Developed complex data models in Oracle Analytics Server, empowering drill-down insights and custom performance metrics across sales, supply chain, and financial operations.
- Implemented comprehensive data governance framework including data classification, user access roles (200+ users), row-level security, and GDPR/CCPA compliance measures.
- Architected and maintained ETL workflows using ODI to process millions of records daily, ensuring data quality across sales, finance, and supply chain.

Co-Founder

Xenofy Inc (Y-Combinator Startup)

Jan 2019 – Mar 2019 | Los Angeles, CA

- Co-developed a two-sided e-commerce marketplace connecting international travelers with clients seeking cross-border product delivery.
- Oversaw a multidisciplinary team of 5 using Agile/Scrum to launch an MVP, fostering collaboration and adaptability throughout the development cycle.
- Developed a full-stack web application using PHP Laravel and MySQL with secure authentication, payment integration, and order tracking features.
- Conducted primary market research via in-person surveys to validate feasibility and achieve product-market fit.

Business Intelligence Consultant

Bioclinica — Full-time

May 2017 – Jan 2019 | Princeton, NJ (On-site)

- Developed SQL Server data infrastructure using star schema design patterns, improving reporting capabilities and query performance across clinical trial analytics platforms.
- Built ETL processes using SSIS packages to move clinical trial data from source systems into centralized data warehouses while maintaining data quality and integrity.
- Defined KPIs and metrics on SSRS dashboards to monitor patient enrollment, site performance, protocol deviations, and milestone tracking across multiple clinical trials.
- Created indexed aggregation tables, summary views, and OLAP cubes in SQL Server, improving dashboard load performance by 50%+.
- Implemented row-level data security using SQL Server security policies for HIPAA compliance and proper data segregation.

Oracle BI Developer (Business Analyst)

Oracle — Contract

Oct 2014 – Dec 2016 | Morrisville, NC (On-site)

- Developed interactive OBIEE dashboards and scorecards measuring telecommunications network performance metrics and operational KPIs related to ISO/IEC TL 9000 quality management standards.
- Designed dimensional data models using star and snowflake schemas, creating hierarchical business models in OBIEE repository for drill-down analysis.
- Created and maintained OBIEE metadata repository (.rpd) files, configuring Physical Layer, Business Model, and Presentation Layer subject areas.
- Implemented object-level security using OBIEE application roles and LDAP integration to control dashboard and report access.

- Established multi-user development environment (MUDE) using version control and repository merge strategies for parallel development workflows.

EDUCATION

Master of Business Administration (MBA)

University of Maryland Global Campus — Adelphi, MD | May 2012

Bachelor of Science in Computer Science (BSc)

Northern Kentucky University — Highland Heights, KY | Dec 2006