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# John Doe

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## Summary

Highly motivated Computer Science graduate with strong foundational skills in Artificial Intelligence, Machine Learning, and cloud technologies (AWS, GCP). Passionate about building intelligent, AI-driven systems and Copilot-like experiences, with proven ability to architect, develop, and deliver complex data pipelines and analytical solutions. Adept at leveraging Large Language Models (LLMs) and advanced ML techniques to create impactful, data-driven products.

## ðŸ'©â€ðŸ'» Skills

- **AI/ML & Data Science:** Large Language Models (LLMs), Anomaly Detection (Isolation Forest), XGBoost, scikit-learn, Machine Learning Pipelines, Predictive Intelligence, On-chain Analytics, Risk Modeling
- **Programming & System Design:** Python, Java, REST APIs, Web3.py, API Design, Scalable & Distributed Systems, Microservices Integration, Caching, Rate Limiting
- **Cloud & Data Engineering:** AWS, GCP, Hadoop, Spark, ETL/ELT, Data Pipelines, Real-time Data Processing, Data Orchestration

## ðŸš€ Projects

### DeFi Credit Scoring System (Aave V2)

- Architected and implemented an **AI-driven** credit scoring system, processing 100k+ wallets using ensemble ML models ($R^2$ 0.78â€"0.82) to provide **predictive intelligence** for financial risk.
- Developed 20+ robust features from raw data using Pandas & NumPy, forming the basis for **data orchestration** and **context management** within the system.
- Designed and built interactive dashboards for **real-time risk insights**, enabling **data-driven decision-making** and enhancing **trustworthy AI** system transparency.

### Compound Wallet Risk Scoring Pipeline

- Engineered a comprehensive **data pipeline** for **risk scoring** 100+ wallets (0â€"1000 scale), integrating **Web3** for efficient on-chain data processing in a **distributed environment**.
- Implemented **anomaly detection** techniques (Isolation Forest) to proactively identify bot behavior, contributing to **system trust** and integrity.
- Processed and analyzed complex on-chain data from Etherscan, demonstrating expertise in **scalable data handling** and **real-time analytics** for **AI-driven insights**.

## ðŸŽ" Education

**B.Tech, Computer Science**
Bengal College of Engineering & Technology (2020â€"2024)
**GPA:** 8.60/10

## ðŸ"œ Certifications

- DeepLearning.AI â€" Machine Learning Specialization
- AWS Cloud & ML Foundations ```