

# Wisdom Matthew Urangyork

## Software Engineer

✉ urangyorkwisdom@gmail.com 📍 Lagos, Nigeria 🔗 wisdom-portfolio-rouge.vercel.app/

🌐 linkedin.com/in/wisdom-urangyork-bb4818269/

### Profile

I am a Backend Developer with strong expertise in Node.js and a growing focus on AI-powered backend systems. I specialize in designing and implementing scalable, reliable, and high-performance APIs that power data-intensive applications.

My recent work has involved AI-driven services, including vector embeddings, vector search, and data modeling for fast and accurate information retrieval. I am passionate about leveraging backend engineering to unlock AI capabilities and integrating advanced machine learning models into production systems.

### Skills

**Backend & APIs** — Node.js, Django, Microservices Architecture, Object-Oriented Programming (OOP), RESTful API Design

**Frontend & UI** — React.js, Next.js, TypeScript, Responsive Design, State Management (Redux / Context API)

**DevOps & Infrastructure** — Docker, Kubernetes, CI/CD (GitHub Actions, GitLab CI), AWS, GCP, Nginx

**Testing & Quality** — Jest, React Testing Library, Unit Testing, Integration Testing, Test-Driven Development (TDD)

**Collaboration & Version Control** — Git, GitHub, Agile, Scrum

**Tools & Others** — API Documentation (Postman), Performance Optimization

### Professional Experience

**Software Engineer**, *Pillar Grid Technologies*

02/2025 – 05/2025 | Nigeria

- Built and maintained responsive and dynamic React.js applications, ensuring seamless user experiences across desktop and mobile.
- Collaborated with backend engineers to integrate REST APIs and microservices, improving application performance and scalability.
- Designed and developed MERN stack applications (MongoDB, Express.js, React.js, Node.js), implementing authentication, role based access, and real-time data updates.
- Worked with Redux Toolkit for efficient state management and optimized frontend performance through lazy loading and code splitting.
- Implemented DevOps best practices, setting up CI/CD pipelines with GitHub Actions to automate testing and deployments.
- Utilized Docker and Kubernetes for containerization and deployment of applications in cloud environments (AWS & GCP).
- Applied Agile methodologies (Scrum), participating in sprint planning, daily standups, and code reviews to ensure timely delivery
- Improved application security and performance through best practices like HTTPS enforcement, API rate limiting, and frontend performance tuning.
- Collaborated closely with UI/UX designers to transform wireframes and mockups into pixel-perfect, accessible, and interactive user interfaces

## Projects

### StreamMate AI (Movie Recommendation Platform)


- Engineered the backend of StreamMate AI, a personalized movie recommendation platform, using NestJS
- Integrated OpenAI embeddings to convert movie metadata and user preferences into vector representations for personalized recommendations.
- Implemented a vector search pipeline with Pinecone, enabling fast and accurate retrieval of similar movies based on embeddings.
- Leveraged Hugging Face models to enhance natural language understanding for user queries and content tagging.
- Built scalable REST and GraphQL APIs to deliver real-time AI-powered recommendations across web and mobile applications.
- Collaborated with data scientists to fine-tune ML models and optimize embedding strategies for higher accuracy.
- Ensured system scalability with Redis caching, database indexing, and load balancing for high user concurrency.
- Applied CI/CD pipelines, Docker, and AWS services to support smooth deployment and cloud scalability.

### Kaleido Finance, - Frontend Developer,,

Technologies: React.js, Next.js, TypeScript, Tailwind CSS, Web3.js/Ethers.js

- Designed and implemented the responsive, user-friendly frontend for Kaleido Finance, a decentralized AI-driven lending platform.
- Built intuitive UI components with React and Next.js to visualize real-time loan data, borrowing/lending pools, and AI-generated risk metrics.
- Integrated wallet authentication and blockchain interactions for seamless user experience using Web3.js/Ethers.js.
- Collaborated closely with backend and smart contract teams to ensure smooth data flow and accurate representation of DeFi functionality.
- Focused on accessibility, performance, and cross-device compatibility to enhance user engagement and adoption.

## Certificates

- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional 
- Oracle Cloud Infrastructure 2025 Certified Architect Associate 
- Certified Meta Frontend Developer
- Google Professional UI/UX Designer
- Google Project Management

## Education

**B.Eng Mechanical Engineering,**  
Federal University Of Technology Minna

2025 | Minna, Niger State