EMMANUEL ESEIGBE {SOFTWARE ENGINEER}

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PROFESSIONAL SUMMARY

Experienced and results driven Software Engineer with a strong background in full stack development, API integration, and database design. Proficient in NodeJS, with a proven track record of developing scalable web and mobile applications across various industries. I am currently leading the development of OOHIQ, a comprehensive tracking, auditing and audience measurement platform for Out of Home (OOH) advertising at Truenorth Media Monitoring. Adept at translating complex business requirements into intuitive, high performance solutions and collaborating with cross functional teams to bring ideas to life. Passionate about leveraging technology to solve real world challenges.

SKILLS

Technical Proficiency
- JavaScript
- TypeScript
- React.Js
- PostgreSQL
- MongoDB
- NodeJs
- ExpressJS
- NestJs
- Google Cloud Platform
- AWS
- Redis
- Git & Version Control
- Docker

Core Competencies
- Software development
- Development life cycles
- Testing and maintenance
- Software documentation
- Software applications
- Performance tuning
- Build releases
- Database Programming
- Website troubleshooting

WORK HISTORY

Project Lead & Backend Engineer | OOHIQ, 04/2025 – Present
TrueNorth Media Monitoring – Nigeria | Contract
- Spearheaded ideation and system design**,** transforming business needs into a scalable, production ready platform.
- Led a small engineering team as Project Lead, ensuring alignment between backend, frontend, and business requirements.
- Designed and implemented RESTful APIs endpoints for seamless frontend integration.
- Architected and deployed cloud-based infrastructure leveraging Google Cloud Platform (GCP)**:**
  - Google Maps API for geolocation and audit mapping.
  - Video Intelligence API for object detection in billboard audits.
  - Cloud Run for serverless video/image processing.
  - Cloud Storage Buckets to securely store and serve media assets.
- Integrated Redis for job queuing and optimized upload workflows**.**

- Designed and maintained a PostgreSQL database schema to support complex auditing and reporting workflows.
- Successfully deployed and managed the application on a Linux server using Docker and Docker Compose.
- Collaborated closely with frontend engineers, ensuring smooth API consumption and efficient delivery of features.

Innovation and Product Development Manager, 08/2024 – 03/2025
TMKG Consulting Limited – Nigeria | Full-Time
- Lead the development of a new tracking and auditing software tailored to the needs of the organization as a media monitoring company.
- Generate and implement innovative ideas to address the unique challenges in media monitoring. Work closely with cross functional teams to develop solutions that align with the company's strategic objectives and client expectations.
- Spearhead product ideation and development initiatives, utilizing insights from industry trends and stakeholder input to drive impactful product outcomes.
- Facilitate collaboration across engineering, design, and client-facing teams to ensure seamless product development, alignment with client requirements, and effective go-to-market strategies.
- Conduct market research to keep TMKG Consulting's offerings competitive. Leverage findings to refine product features and maintain an edge in the media monitoring sector.
- Promote a culture of innovation by fostering an environment where team members are encouraged to present new ideas and improvements, contributing to a continuous cycle of product enhancement.

Software Engineer & Instructor, 06/2022 – 07/2024
Anchorsoft Academy - Nigeria | Full-Time
- Delivered comprehensive training in full stack web development to aspiring developers, covering technologies such as HTML, CSS, Python, Django, JavaScript, React, Node.js, and databases.
- Mentored and supervised students on their final projects, guiding them through project planning, development, and deployment stages.
- Contributing to product development, from concept to launch, with a focus on user-centered design.
- Collaborate with team members to create applications' system analysis based on client requirements.
- Oversee new feature updates to existing software systems to add functionality.
- Develop software prototypes, enabling efficient testing and feedback.
- Implement debugging and troubleshooting techniques, enhancing software reliability.

Web Developer, 02/2019 - 03/2022
PrintSmart NG – Nigeria
- Collaborated closely with designers to craft clean, user-friendly interfaces, resulting in a 30% increase in user engagement and a significant improvement in the overall user experience.
- Successfully developed and implemented complex web projects using Python and JavaScript, leading to a significant increase in project efficiency and client satisfaction.
- Played a key role in managing extensive, intricate design projects for high-profile corporate clients, contributing to a 25% growth in client retention rate.
- Led rigorous quality assurance testing, identifying and rectifying numerous critical bugs, which enhanced software usability.
- Spearheaded the resolution of complex technical issues in collaboration with senior developers.
- Implemented new workflow strategies that improved team productivity by 35% and accelerated project delivery timelines.

EDUCATION

Bachelor : Computer Science , 2018
Oduduwa University - Nigeria

CERTIFICATIONS

- Fullstack Web Development Coding Bootcamp **- Anchorsoft Academy**