

# HAROLD ODRO

DATA ANALYST | SOFTWARE DEVELOPER | WEB DEVELOPER

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## PROFESSIONAL SUMMARY

Results-driven Web Developer with expertise in Laravel, PHP, JavaScript, React.js, and RESTful APIs. Skilled in database management (MySQL, PostgreSQL, MongoDB), data analytics, and performance optimization. Experienced in building secure, scalable applications, implementing authentication systems (OAuth, JWT), and integrating CI/CD pipelines. Adept at leveraging data insights to enhance user engagement and streamline workflows. Passionate about delivering high-performance, user-friendly solutions.

## SKILLS

- |                                 |                                    |                                         |
|---------------------------------|------------------------------------|-----------------------------------------|
| • Data Analysis & Visualization | • SQL & Database Management        | • Python, Java, C                       |
| • Microsoft PowerApps           | • Workflow Automation              | • Strong Problem-Solving                |
| • Pattern Recognition           | • Microsoft Office Suite           | • GitHub                                |
| • <b>Frontend Development:</b>  | • <b>Backend Development:</b>      | • <b>Security &amp; Authentication:</b> |
| HTML, CSS, JavaScript, Tailwind | Laravel, PHP, Node.js, Express.js, | OAuth, JWT, Role-Based Access           |
| CSS, Bootstrap, React.js        | RESTful APIs                       | Control (RBAC)                          |

## PROFESSIONAL EXPERIENCE

### WEB DEVELOPER | 1983 IMAGING | Aug 2023 – Present

- Designed and developed 5+ fully responsive web applications using Laravel, React.js, and Tailwind CSS, improving UI/UX and increasing user engagement by 35%.
- Optimized MySQL and PostgreSQL database schemas for 8 projects, reducing load times by 40% through indexing and query optimization.
- Engineered 12 RESTful APIs, enabling seamless frontend-backend communication for 3 major applications.
- Enhanced role-based authentication systems and applied OWASP security principles, reducing security incidents by 60%.
- Created 20+ reusable React components, accelerating development cycles by 25%.

### DATA ANALYST | NATIONAL LOTTERY AUTHORITY | Dec 2021 – Present

- Designed database system supporting 10,000+ users, improving transaction tracking by 45%.
- Digitized worker management for 350+ employees, increasing productivity by 30%.
- Built 12 automated spreadsheet solutions, cutting processing time by 40%.
- Restructured 8 reporting workflows, ensuring 99.7% data accuracy for executive decisions.

## SENIOR DATA ANALYST | CODEACRE | Dec 2019 – Mar 2024

- Led 7 visualization projects that uncovered insights resulting in 28% revenue growth.
- Enhanced data accuracy by 40% through implementing 5 preprocessing algorithms.
- Automated 15 recurring reports, reducing manual processing time from 40 to 12 hours monthly.
- Managed 9 concurrent data projects with 100% on-time delivery rate.

## JUNIOR DEVELOPER | THE SOFTTRIBE | Sep 2019 – Dec 2020

- Collaborated with 4 cross-functional teams to deliver 6 backend solutions meeting 95% of user requirements.
- Built 5+ client websites using Laravel and Tailwind CSS, reducing deployment time from 6 to 4 weeks.
- Managed 7 concurrent projects with 92% customer satisfaction rating.

## DATABASE ADMINISTRATOR | PETROLEUM COMMISSION | Sep 2018 – Aug 2019

- Optimized geospatial databases containing 2TB+ of regulatory data, achieving 99.9% compliance.
- Engineered custom HR solution via PowerApps, processing 250+ requests weekly with 30% efficiency gain.
- Redesigned employee database handling 1,200+ records, accelerating registration throughput by 5%.

## EDUCATION

Bachelor of Science in Computer Science – Lancaster University Ghana, June 2018