

PRAISE OPARA

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Portfolio: <https://kingopara.github.io/praise-portfolio>

FULL-STACK DEVELOPER (MERN)

Full Stack Web Developer with a background in Petroleum Engineering with acquired knowledge and skills across multiple industries including the Semiconductor, Oil, and Gas, and Safety. Earned a certificate in Full Stack Web Development from the University of Texas, Austin with proficiency in the MERN Stack. Recognized and awarded for critical thinking and time management. Acquired knowledge, skills, and self-developed effective communication with a goal-oriented and critical thinking nature combined with an ability to thrive in a team environment and also work independently provide excitement to build better experiences on the web.

TECHNICAL SKILLS

Git, GitHub, HTML5, CSS3, JavaScript, jQuery, Bootstrap, Ajax, Handlebars, Web APIs, Server Side APIs, Third-party APIs, RESTful APIs, Test Driven Development (TDD), Object Oriented Programming (OOP), Model View Controller (MVC), Object-Relational Mapping (ORM), MongoDB, Mongoose, Express.js, React.js, Node.js, SQL, Sequelize, NoSQL, Redux, GraphQL, Progressive Web Applications (PWA), Web Security, JSON Web Token (JWT), Stripe.js, Service Workers, State, bcrypt, Quality Assurance.

PROJECTS

Book MarketPlace

Deployed App: <https://book-search-engine-app21.herokuapp.com/>

GitHub Repo: <https://github.com/kingopara/google-book-search-engine>

- Summary: A search engine for avid readers to search and keep track of a list of books to read/purchase.
- Role: Backend JWT authentication and server implementation, frontend router, and authentication.
- Tools: MongoDB, Express.js, React, Node.js, GraphQL, JWT, apollo-server/client, JavaScript, Bootstrap.

Budget-Tracker

Deployed App: <https://budget-tracker-app-2021.herokuapp.com/>

GitHub Repo: <https://github.com/kingopara/budget-tracker>

- Summary: A PWA for users to keep track of expenses and transactions with/without an internet connection.
- Role: Backend Designer
- Tools: Express.js, mongoose, service-workers, webpack, manifest, HTML, CSS, JavaScript

Tech-Blog

Deployed App: <https://tech-blog-app21.herokuapp.com/>

GitHub Repo: <https://github.com/kingopara/tech-blog>

- Summary: A CMS style blog site to publish articles, blog posts, thoughts, and opinions.
- Role: Frontend and Backend Designer
- Tools: NoSQL, MongoDB, Express.js, Node.js, handlebars, IndexedDB, mongoose, HTML, CSS, JavaScript

Note Taker

Deployed App: <https://note-taker-28.herokuapp.com/>

GitHub Repo: <https://github.com/kingopara/note-taker>

- Summary: An app that helps you write and save notes to keep track of tasks
- Role: Backend Designer
- Tools: Express.js, file system, JavaScript, HTML, CSS.

EXPERIENCE

Process Technician III 2018 - Present

Toppan Photomask Inc. Round Rock. TX

- Successfully Inspected a minimum of 6 phase-shift masks per day on 5 high-end KLA inspection tools, resulting in a company target goal of \$6.5 million for 3 consecutive months.
- Run inspections on finished products using KLA inspection tools to maintain 100% Quality Assurance and hit a goal of 0 returns from customers.
- Communicate with Engineering, Management, Supervision, and other colleagues on new arising issues and possible solutions on meeting production targets of 155 completions per day.
- Interact with the ADAS system for defect and mask disposition and software programs such as kopec, offset, gppe, and d2d programs to decrypt and transfer customer data from a secure database into the photomask.
- Awarded Recognition for Critical Thinking by turning downtime of a tool into maximizing production output by 10% to meet the daily target.

Production Technician II 2018

NXP Semiconductors, Austin. TX.

- Transferred data from a reticle into semiconductor wafers while monitoring and recording tool readings to maximize production quality.
- Increased company yield and profit by 35% by maintaining Quality Assurance and customer satisfaction objectives.
- Troubleshoot operations and tools for a more effective operation to maximize daily production output by 1000 wafers per day.

Pipeline Fields Engineer 2016 - 2018

Pipeline and Products Marketing Company (PPMC),

Nigerian National Petroleum Corporation (NNPC), Enugu State. NGA.

- Chaired 7-10 projects in various stages of execution and comprehend project scope definition, engineering design, estimate development, material and service procurement, schedule development and field execution using project implementation processes , each within a budget of over \$70,000.
- Reduced monthly expenditure by 10% through completing daily technical assessments such as load calculations, hydraulic and surge analysis.
- Maximized quality and production output by 100% by collaborating with a team of engineers and operators to manage facility upgrades and technical maintenance of terminals, pipelines and storage facilities.
- Awarded excellence in execution for contributing to the Enugu - Makurdi pipeline project.

EDUCATION

Full Stack Web Development Certificate - University of Texas, Austin, TX - 2021

Bachelor of Engineering, Petroleum Engineering – Igbinedion University Okada, Benin City, NGA