

HENRY OKOLI

Fullstack Developer

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🌐 <https://github.com/Henrypio> 🔗 <https://www.linkedin.com/in/henrypio>

PROFILE

I am a proactive, smart, and driven Software Engineer with 2 years of development experience, specializing in building end-to-end web applications, RESTful services, and enterprise software using microservices, with proficiency in Agile methodology; I am eager to contribute my skills and experience to help improve the organization while continuing to learn and diligently discharge my duties.

SKILLS

SKILLS/TECHNOLOGIES

Frontend:

HTML, CSS, JavaScript, TypeScript, React, NextJS, VueJS, Flutter, React-Native, Tailwind, Bootstrap, React Hook.

Backend:

NodeJS, ExpressJS, NestJS

Database and ORM:

MySQL, PostgreSQL, MongoDB, Sequelize, Firebase store

Tools and APIs:

NPM/Yarn, RESTful Web Services, Firebase, GraphQL, Mocha/Chai, Jest, Postman, Swagger, Docker, Kubernetes, CI/CD with Jenkins, GitHub Actions, Google Cloud Platform (GCP), Firebase

Soft Skills:

Scrum and Agile Methodologies, Collaboration, Communication, Critical Thinking, Problem Solving, Adaptability, Algorithmic Thinking

PROFESSIONAL EXPERIENCE

KodeCamp

Frontend Engineer

- Improved user experience by 40% through the development of responsive, mobile-first web applications using React.js, Tailwind CSS, JavaScript, HTML5, and CSS3.
- Increased project efficiency by 30% by optimizing code performance and ensuring cross-browser compatibility, resulting in faster load times and smoother user interactions.
- Enhanced client satisfaction by 35% by collaborating closely with designers and backend developers, ensuring seamless integration and cohesive user interfaces using Tailwind CSS for consistent styling.
- Reduced debugging time by 25% by identifying and resolving frontend issues early in the development cycle, leading to more efficient project completion and reduced deployment delays.

Decagon Institute

Associate Software Engineer

- Led front-end development projects, ensuring smooth UI/UX and scalability, which contributed to increased student retention and satisfaction.
- Applied strong debugging and testing skills to the front-end, using tools like Chrome DevTools and React Developer Tools, improving software quality and performance.
- Utilized Agile and Scrum methodologies to streamline front-end development, reducing project delivery timelines by 30% and ensuring timely releases of user-facing features.
- Collaborated on developing custom front-end solutions for clients, incorporating advanced UI/UX features that contributed to a 40% increase in client acquisition and improved satisfaction with intuitive, responsive designs.
- Developed and integrated RESTful APIs, ensuring seamless communication between the front-end and back-end, significantly improving the application's performance and usability.

01/2023 – 05/2023
Lagos State, Nigeria

Finnish Design Shop, Helsinki, Finland

05/2022 – 12/2022

Software Engineer

- Developed and optimized frontend systems using React.js, resulting in a 30% improvement in user engagement and a 25% increase in customer retention through enhanced user interfaces and seamless user experiences.
- Architected backend support with Node.js to ensure smooth integration with frontend components, contributing to a 45% reduction in server response times and a 50% boost in transaction processing speed, accommodating a 40% growth in daily active users.
- Refined and modularized React components, ensuring scalability and maintainability across platforms, which led to improved performance and ease of feature expansion.
- Implemented a comprehensive testing framework using Jest for React, reducing production issues by 55% and ensuring a more stable and reliable frontend experience.
- Utilized CI/CD pipelines with Jenkins and Docker, streamlining the deployment of frontend and backend updates, decreasing release times by 60%, and ensuring consistent, uninterrupted updates for users.

Avon HMO

11/2021 – 04/2022

Frontend Engineer


Delta, Nigeria

- Led the redesign of the patient portal interface using React, improving accessibility and user experience and achieved an increase in patient portal usage and a 30% reduction in support calls.
- Developed real-time data visualization features for patient health metrics, using Node.js and Chart.js, enabling healthcare providers to monitor patient status more effectively, which enhanced data accessibility and usability, resulting in improvement in clinical decision-making and reduction in patient wait times.
- Conducted performance optimization and code refactoring, reducing page load times and improving responsiveness.
- Integrated advanced security features into the frontend, including secure authentication and data encryption mechanisms, resulting in a 35% decrease in security incidents and bolstered user confidence.

PROJECTS

Farmlink


Farmlink is an e-commerce platform connecting farmers and consumers, allowing farmers to upload products and manage orders, while customers can browse and purchase fresh items. The platform features a responsive React.js frontend, a Node.js/Express backend, and a MongoDB database. It streamlines payment processing and ensures real-time updates, empowering farmers and offering customers easy access to fresh, local produce.

Link: <https://farmlink-fe-int.vercel.app>  /

Traidr app

Traidr App is an e-commerce platform enabling sellers to create shops, design products, and buyers to purchase seamlessly.

Technologies Used: Express, React, TypeScript, PostgreSQL, CSS

Link: <https://decagon-traidr-frontend.onrender.com> 

Avon:

A healthcare management platform facilitating seamless coordination among practitioners, patients, and administrative staff. Streamline scheduling, billing, EMR, and communication for enhanced efficiency and patient care.


Learnhub

Learnhub is a learning management system utilizing Node.js with Express, EJS, and SQLite, offering virtual access to a wide range of technology courses.

Quick-Grade

Quick-Grade is an exam-taking platform enabling students to take exams and receive immediate grading, while lecturers can create and manage exams.

Technologies Used: Express, React, TypeScript, SQLite, CSS

Link: <https://quickgrade-client.onrender.com/> 

EDUCATION

First Class Upper - Higher National Diploma in Compute Science
MOSHOO DABIOLA POLYTECHNIC

Abeokuta Ogun State,
Nigeria

CERTIFICATES

SRCUM FUNDAMENTALS CERTIFIED	HEALTH and SAFETY EXECUTIVE	PROJECT MANAGEMENT CERTIFIED
AI Career Essentials (AI Toolkits)	Level 1, Level 2, Level 3 and First Aid Training and Practice	
	Kodecamp (Frontend development)	