

SAULA SHERIFFDEEN OLAMILEKAN

Software Engineer

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OBJECTIVE

I am a passionate and experienced Fullstack Software Engineer with 3 years of professional expertise. Specialising in front-end and back-end development, my skills encompass C#, ASP.NET, HTML, CSS, JavaScript, and React. I am dedicated to delivering high-quality software solutions, constantly pushing the boundaries of what's possible. With a problem-solving mindset, attention to detail, and a commitment to staying current with industry trends, I thrive on collaborating with colleagues to drive success and make a positive impact in the world of software development.

PROFESSIONAL EXPERIENCE

SYSBEAMS – OG, NG

Software Engineer, May 2021 – Present

- Developed and integrated RESTful APIs to enable seamless communication between front-end and back-end systems.
- Successfully led and mentored a team of 5 engineers to develop and deploy [AARR](#), an innovative farmer information system,
- Contributed as an active team player in developing **E-Pin Mart**, an e-commerce application built with C#.NET using a microservice architecture. Developed crucial backend features and collaborated on frontend UI development in React, delivering a scalable and visually appealing user experience.
- Developed [EPR](#): an inventory management system that manages records and makes analysis of the stock of engines of a reputable automobile company, **Cummins** with a team of 7 developers.
- Developed [IDMS](#): an identity management system that manages identification and tracks the verification of membership of an Islamic organisation.
- Conducted comprehensive requirements gathering and risk management, resulting in a 90% reduction in project delays and increased stakeholder satisfaction.
- Served as the Deputy Team Lead for [JARMS](#), an event management web application for the Ahmadiyya Islamic organisation, I played a crucial role in developing major features using C#.NET and React. From perfecting the solution to ensuring seamless performance, I ensured a flawless registration and analysis system for events.
- Mentored and trained junior engineers on coding standards, improving code quality by 40% and reducing bug rates by 20%.
- Designed and developed a Payroll application API that incorporates Nigeria's employee tax system.
- Provided technical support and troubleshooting to clients, ensuring optimal software performance.
- Developed a developer tool, [AtHackers](#), an exceptional [NuGet](#) package that provides developers with advanced cryptography features to enhance the security of their applications. The package is built with the **sha-2** and **Bcrypt** algorithms that ensure secure handling of sensitive data.

YUSCOMSOFT – OG, NG

Software Engineering Intern, September 2020 – April 2021

- Worked with a team of 7 software engineers and product manager in the development of [AMJNPAY](#), a payment gateway built for a renowned islamic organisation
- Collaborated with colleagues to develop and test **CommunityPro** – a comprehensive community management software that provides a range of express features designed to streamline community operations and enhance communication among members
- Participated in daily stand-up meetings, code reviews, and sprint retrospectives to improve team productivity and code quality.
- Contributed to the design and documentation of software architectures and user interfaces and learning and development opportunities, including training sessions, technical workshops, and mentorship programs.

EDUCATION

- Undergraduate, National Open University Of Nigeria
- SSCE, Government College Ibadan – OY, NG, August 2021
- Fullstack Software Engineering, Code Learners Hub.

TOOLS AND TECHNOLOGIES

- **Programming Languages:** C#, JavaScript, HTML, CSS
- **Frameworks and Libraries:** ASP.NET MVC, ASP.NET API, React, JQuery, Bootstrap, Tailwind, Blazor, Entity Framework Core, ADO.NET, Dapper.
- **Database management:** SQL, MongoDB, Oracle, MySQL, PostgreSQL, Redis
- **Software architecture:** MVC, MVVM, RESTful, Microservices, Hexagonal, DDD, TDD, Serverless
- **DevOps:** AzureDevops, GitHub Actions, CI/CD
- **Agile methodologies:** Scrum, Kanban, Lean
- **Testing:** Unit testing, Integration testing, End-to-end testing
- **Project Development and Management Tools:** JIRA, Swagger, Postman, ThunderClient, GitBook.
- **IDEs (Integrated Development Environments):** Visual Studio, Visual Studio Code, JetBrains Rider.
- **Soft skills:** Communication, teamwork, problem-solving, time management, leadership, persuasion.

PROJECTS

- **LogoPhilia:** A web-based and comprehensive language learning application that integrates Merriam Webster dictionary, challenges, and community platforms to help users improve their English language skills.
- **AtHackers:** [AtHackers](#) is an exceptional NuGet package that provides developers with advanced cryptography features to enhance the security of their applications. The package is built with the **sha-2** and **Bcrypt** algorithms that ensure secure handling of sensitive data.
- **EPin-Mart:** an e-commerce microservice system that has been used by Nigerian Institutions to automate the verification of thousands of students' results.

CERTIFICATIONS AND AWARDS

- C Programming (Foundation), Study Section, 2023
- FullStack Software Engineer, Code Learners Hub.
- Produce Africa Code Championship 2022: Gold Medal, Farmer Information System Project