

Balogun Razak

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Summary

I am a highly motivated and results-driven Software Engineer with extensive experience in Frontend Engineering, UI/UX Design, cloud-based infrastructure management using Amazon Web Services (AWS) and Microsoft Azure, and proficiency in data structures and algorithms. I excel in creating high-quality and performant applications, with a specialization in building responsive, user-friendly interfaces using React and React Native. In addition to my expertise in frontend engineering and cloud infrastructure management, I possess a deep understanding of Data Structures and Algorithms. My strong theoretical foundation in Computer Science, complemented by practical experience, allows me to build efficient, optimized solutions. I am proficient in various data structures like arrays, linked lists, stacks, queues, trees, and graphs, as well as in designing algorithms for sorting, searching, and graph theory problems. Furthermore, I have a strong acumen for problem-solving which, combined with my technical skills, allows me to tackle complex challenges effectively. I am committed to continuous learning, staying up-to-date with the latest technologies in the React ecosystem, cloud computing landscape, and the evolving field of data structures and algorithms.

- **React/React Native:** Strong knowledge and experience with the React/React Native framework and its ecosystem, including state management, component-based architecture, and data flow.
- **Object-Oriented Programming (OOP):** Proficient in OOP languages like Swift and Kotlin, with a deep understanding of OOP principles and the ability to apply them to design and develop robust and maintainable code.
- **Data Structures and Algorithms:** Strong understanding of data structures (arrays, linked lists, trees, hash tables, etc.) and algorithms (searching, sorting, optimization, dynamic programming, etc.), with the ability to apply these concepts in problem-solving and system design.
- **AWS:** Proficiency in using AWS services, including EC2, S3, RDS, Lambda, and more. Ability to architect and deploy secure and robust applications on AWS technologies.
- **Azure:** Experience with Microsoft Azure platform, understanding of its core services, and ability to design, manage, and scale Azure resources effectively.
- **JavaScript:** Proficiency in JavaScript, including modern ES6+ syntax and knowledge of advanced concepts like closures, event loops, and asynchronous programming.
- **UI/UX Design:** Understanding of user interface and user experience design principles, including wire framing, prototyping, and visual design tools like Sketch or Figma.
- **Git and Version Control:** Familiarity with Git and version control systems to manage code changes and collaborate with other team members.
- **Testing and Debugging:** Ability to write unit tests and integration tests, debug code, and optimize performance for a better user experience.
- **Problem-Solving and Analytical Thinking:** Ability to solve complex problems, troubleshoot issues, and think critically about software design and architecture.
- **Continuous Learning:** Eagerness to stay up-to-date with the latest trends, best practices, and technologies in the industry and constantly improve your skills.
- **Communication and Collaboration:** Strong interpersonal skills, ability to work in a team environment, and communicate effectively with other team members, stakeholders, and clients.
- **Project Management:** Understanding of project management methodologies, including Agile, Scrum, and Kanban, and experience working in an agile development environment.

Work Experience

2022 December – present

Berkeley, California,
United States

Senior Software Engineer

Crowdbotics 

- Oversaw the development and architecture of React/React Native applications for both web and mobile platforms, utilizing AWS for scalable cloud infrastructure.
- Designed and implemented complex features and functionalities based on well-structured data and efficient algorithms, ensuring high performance and scalability.
- Banded with cross-functional teams including designers, product managers, and backend developers to deliver high-quality products on time.
- Enforced best practices and coding standards, improving code quality and maintainability.
- Integrated third-party APIs and services, optimizing data flow and improving user experience.
- Leveraged AWS services for the deployment, scaling, and management of applications, enhancing the ability to handle heavy loads and traffic.
- Achieved performance optimizations and debugging, resolving critical issues and enhancing overall application performance.
- Implemented automated testing strategies, increasing test coverage and ensuring the robustness of the codebase.
- Stayed up-to-date with the latest React/React Native trends, technologies, and best practices, including AWS advancements, providing insights and recommendations to the team.
- Actively participated in Agile development methodologies, including sprint planning, daily stand-ups, and retrospectives.
- Applied knowledge of data structures and algorithms to optimize code, solve complex problems, and enhance application efficiency.
- Utilized AWS services in conjunction with data structures and algorithms to handle big data, process it efficiently, and improve overall application performance.

2022 July – 2023 January

London, United Kingdom

Senior Software Engineer

Xenturylens 

- Designed and developed scalable and high-performance backend systems using Express and NestJS frameworks
- Employed data structures and algorithms to optimize system performance and solve computational problems effectively.
- Utilized Azure services for various purposes, such as cloud infrastructure, hosting, and deployment.
- Collaborated with frontend developers, designers, and product managers to define API requirements and ensure seamless integration with the frontend
- Implemented various backend functionalities such as authentication, authorization, payment processing, data storage and retrieval, and API documentation
- Worked with SQL and NoSQL databases like PostgreSQL, MongoDB, and Redux to store and retrieve data
- Utilized Docker to containerize and deploy backend applications

- Conducted code reviews and provided constructive feedback to ensure code quality and maintainability
- Implemented and maintained continuous integration and deployment (CI/CD) pipelines to automate the build, testing, and deployment processes
- Optimized backend systems for performance and scalability by monitoring and analyzing system metrics and logs
- Troubleshoot and resolved complex technical issues in a timely and efficient manner, ensuring minimal downtime and disruption to business operations.

2021 April – 2022 July

Lagos, Nigeria

Senior Software Engineer

Econnect Netpower Limited 

- Developed highly scalable and performant RESTful APIs using Express and NestJS frameworks.
- Collaborated with front-end developers, UX/UI designers, and project managers to create functional and intuitive APIs.
- Implemented efficient data management solutions using MongoDB, MySQL, and PostgreSQL.
- Developed and maintained modular and scalable code bases using SOLID principles and design patterns.
- Utilized Redis and RabbitMQ for efficient caching and messaging solutions.
- Built and implemented secure authentication and authorization systems using JWT and OAuth.
- Wrote comprehensive unit and integration tests using Jest and Supertest for reliable and high-quality code.
- Used Git for version control and collaborated with other developers using agile methodologies such as Scrum and Kanban.

2019 August – 2020 July

Lagos, Nigeria

Frontend Developer

Fulus Investment Limited

- Developed and maintained cross-platform mobile applications using React Native
- Built and optimized responsive web applications using React
- Implemented state management using Redux
- Consumed REST APIs and managed data using Axios
- Contributed to code review and collaborated with cross-functional teams

2018 July – 2019 January

Lagos, Nigeria

Web Developer Intern

Compact Technologies


- Utilized HTML, CSS, and JavaScript to build user-friendly and responsive interfaces
- Troubleshoot and debugged code ensuring compatibility with devices, browsers, and operating systems.
- Utilized scripting languages to design websites under the supervision of the lead developer.

Education

2018 March – 2022 May

Lagos, Nigeria

Bachelor of Science in Physics

Lagos State University 

Projects

Woozeeee

*woozeeee is a lifestyle application that defines your way of life. Have fun | Make money | Give back !
Join the lifestyle community! What's New.*

- Utilized React and React Native to develop a cross-platform mobile app
- Implemented state management with Redux
- Consumed REST APIs and managed data with Axios

Aufera

Aufera is a peer-to-peer car rental marketplace that provides you with a wide range of options to enable you move around easily, in any car you want.

- Built a responsive web application using React
- Implemented a custom responsive design using CSS
- Worked with a team to deploy the application to production.

Artificial Intelligence School Time Table Solver Application:

I created a time table solver for schools that help create optimal timetables that took lectures, lecturers, lecture rooms, student groups, and time slots as parameters.

Online room allocation portal for students:

I was part of a team that developed a room allocation portal for students, where they could pay for hostels and have rooms assigned to them.

Online registration and admission portal for students (WEB):

I was part of a team that developed a registration portal for students, where they could register, submit necessary details, pay when needed, and follow up on the processes, etc.

Certificates

Certified React Developer [2017]

By Facebook

Certified React-Native Developer [2018]

Udemy

6 GOOGLE CLOUD SKILLS BOOST BADGES

KOTLIN CERTIFICATE (SOLO LEARN)

SWIFT CERTIFICATE (SOLO LEARN)

JOBBERMAN SOFT SKILLS CERTIFICATE

References

Available upon request.