

# MICHAEL DAMILARE ADESINA

SOFTWARE DEVELOPMENT ENGINEER

[Email 1](#) | [Email 2](#) | [GitHub](#) | [Linkedin](#)

## SUMMARY

Enthusiastic and skilled software development engineer with extensive experience in blockchain, web development, and .NET frameworks. Proficient in C#, JavaScript, TypeScript, and Solidity with a proven track record of building scalable and secure applications. Adept in modern frameworks including Angular, React, Next JS, and .NET. Committed to leveraging expertise to contribute to team success through smart and hard work, attention to detail, and excellent organizational skills.

## SKILLS

Languages: C#, JavaScript, TypeScript, Python, Solidity, Rust, C++, HTML, CSS, SQL, XAML and XML

Frameworks/Libraries: React JS, Next JS, Angular, Vue JS, .Net Framework, .Net Core, Windows Presentation Foundation (WPF), Entity Framework, Prisma, Express JS, Nest JS, and Node JS.

Tools/Platforms: Microsoft Azure, Amazon Web Services (AWS), PostgreSQL, MongoDB, GitHub Actions, Azure DevOps Services, Azure CosmosDB, Microsoft SQL Server, Windows API Programming, GIT & GitHub, Google Cloud Platform(GCP), Redis, Docker, Vercel, and Render.

Others: Continuous Integration and Continuous Delivery (CI/CD), Networking Protocols, Windows Networking Internals, Blockchain technologies, Anchor, and InterPlanetary File System (IPFS).

Soft Skills: Communication, Leadership, Teamwork, Collaboration, Time Management, Problem Solving, Decision Making, Planning, Quick Learning, Persistent, Critical Thinking, Mentoring, and Empathy

## EXPERIENCE

### EDUREX TECHNOLOGIES (Ibadan, Oyo State, Nigeria)

**Hybrid**

Lead Backend Developer (Contract)

Dec 2023 – Present

- Develop and maintain scalable software solutions using TypeScript, Node.js, C#, .NetCore and MSSQL, with a focus on building secure, high-performance applications while employing Azure Cloud Services for efficient and scalable deployments.
- Enhanced data management capabilities and optimized database performance through Entity Framework Core and MySQL, ensuring smooth integration and reliability across services.
- Set a vision for technology usage and ensure resources meet short and long-term needs while managing budgets and timelines.
- Led teams by mentoring junior developers, assigning tasks, and maintaining code quality through Git and GitHub collaboration, fostering continuous team improvement and project efficiency.
- Manage full software development lifecycle, from design to implementation, ensuring best practices, adhering to SOLID principles, and maintaining robust security standards.
- Stay updated on tech trends, and adheres to regulatory standards.

### Grandida LLC (Miramar, Florida, United States)

**Remote**

Lead Backend Engineer (Contract)

Jun 2023 – Nov 2023

- Led task delegation, mentored team members, and ensured timely project completion while applying problem-solving, critical thinking, and analytical skills.
- Conducted code reviews, enforced best practices in coding, testing, and deployment, and optimized backend performance using technologies like Node.js, Express.js, C#, and .NET Core.
- Collaborated with product and other teams to integrate the backend with other systems, leveraging skills in systems design, data architecture, and PostgreSQL/SQL databases.
- Provided progress updates to management and ensured continuous integration and delivery (CI/CD) using AWS, Microsoft Azure, ASP.NET, Prisma ORM, and Next.js, while automating builds and following the SDLC.

DevOps Engineer (Contract)

May 2023 – Jun 2023

- Designed and implemented hosting pipelines, automating processes for efficiency and build automation, while ensuring smooth production deployment using Azure DevOps and AWS.
- Developed and maintained CI/CD workflows with GitHub Actions, conducted security checks on repositories and collaborated with development teams for efficient deployment.
- Troubleshoot and resolved application deployment and system performance issues, applying problem-solving, critical thinking, and analytical skills.
- Worked with operations teams to monitor, maintain, and continuously improved system performance, following SDLC best practices and leveraging data architecture expertise.

Web 3 Development Engineer (Contract) Jun 2022 – May 2023

- Designed and implemented decentralized applications (DApps) using blockchain technology, integrating with networks like Ethereum, Polygon, and Solana, and developed smart contracts using Solidity, Cadence and Rust.
- Built front-end interfaces for DApps using frameworks such as React.js, Next.js, Angular, and Vue.js, ensuring seamless user interaction.
- Tested and debugged DApps and smart contracts, participated in code reviews, and contributed to the development of best practices while applying problem-solving, analytical, and critical thinking skills.
- Collaborated with cross-functional teams and stayed up-to-date with the latest web3 technologies, incorporating them as needed, following the Software Development Life Cycle (SDLC) and blockchain analysis principles.

**JIT Solutions Information Technology** (Akure, Ondo State, Nigeria)

**On-Site**

Administrative Manager | Instructor | Software Development Engineer (Contract)

Mar 2022– May 2023

- Designed and developed scalable, secure, and maintainable applications using the .NET framework, C#, ASP.NET, and .NET Core, integrating with databases and external systems.
- Debugged, troubleshoot issues, and wrote unit and integration tests to ensure code quality, while participating in code reviews and contributing to best practices.
- Collaborated with cross-functional teams of developers, designers, and project managers, and contributed to technical documentation and project-related materials.
- As an instructor, designed and delivered lectures and workshops on .NET/.NET Core, created course materials, assisted students, and provided feedback to facilitate learning.

**Tolex InfoTech Limited** (Esa - Oke, Osun State, Nigeria)

**Remote**

Software Development Engineer | Information Technology Consultant (Contract)

Jan 2015– Mar 2022

- Designed and developed applications and solutions using the .NET framework with C#, Java, JavaScript and TypeScript integrating with databases and external systems.
- Debugged and troubleshoot application issues, leveraging problem-solving, critical thinking, and analytical skills.
- Collaborated with cross-functional teams of developers, designers, and project managers to deliver solutions.
- Contributed to technical documentation and project materials, applying expertise in system design, Windows API programming, and business support systems (BSS).

**Olukay InfoTech and Computing Concept** (Esa - Oke, Osun State, Nigeria)

**On-Site**

General Manager | Instructor | Software Development Engineer (Contract)

May 2017– Dec 2017

- Designed and developed scalable, secure, and maintainable applications using the .NET framework, C#, and ASP.NET, integrating them with databases and external systems.
- Built cross-platform applications with .NET Core, troubleshooting and debugging issues, and writing unit and integration tests to ensure code quality.
- Delivered lectures and hands-on workshops on .NET and .NET Core development as an instructor, creating and maintaining course materials such as slides, code samples, and exercises.
- Assisted students in understanding key concepts, applying them to real-world scenarios, and provided feedback to facilitate their learning and progress evaluation.

## CERTIFICATES

**REDIS UNIVERSITY**

Mar 2022

Redis for .Net Developers - [[Cert](#)]

**UNIVERSITY OF NOTRE DAME**

Mar 2022

Ethical Leadership - Coursera Certificate - [[Cert](#)]

**NORTHWESTERN UNIVERSITY**

Mar 2022

High Performance Collaboration - Coursera Certificate - [[Cert](#)]

**UNIVERSITY OF WASHINGTON**

Mar 2022

Introduction to Public Speaking - Coursera Certificate - [[Cert](#)]

**Cousera Guided Project**

Sep 2022

Typescript - Learn the fundamentals - Coursera Certificate - [[Cert](#)]

**UNIVERSITY AT BUFFALO & THE STATE UNIVERSITY OF NEW YORK**

Sep 2022

Blockchain Specialization - Coursera Certificate - [[Cert](#)]

**DUKE UNIVERSITY**

Sep 2022

Programming Foundations with JavaScript, HTML and CSS - Coursera Certificate - [[Cert](#)]

**UNIVERSITY OF CALIFORNIA, DAVIS**JavaScript for Beginners - Coursera Certificate - [[Cert](#)]

Sep 2022

**UNIVERSITY OF MICHIGAN**Python 3 Programming - Coursera Certificate - [[Cert](#)]

Sep 2022

**RICE UNIVERSITY**Introduction to Scripting in Python - Coursera Certificate - [[Cert](#)]

Sep 2022

**UNIVERSITY OF CALIFORNIA, SANTA CRUZ**Coding For Everyone: C and C++ - Coursera Certificate - [[Cert](#)]

Sep 2022

**DUKE UNIVERSITY**Java Programming and Software Engineering Fundamentals - Coursera Certificate - [[Cert](#)]

Sep 2022

**EDUCATION - DEGREES****OSUN STATE COLLEGE OF TECHNOLOGY****Higher National Diploma, Computer Science**, (Esa-Oke, Osun State, Nigeria)

Dec 2015 – Dec 2017

- Mastered C++ and Pascal programming, creating applications using both languages.
- Developed expertise in project management, system design, and architecture.
- Created web design projects using HTML and CSS.
- Built an Android application as part of a software development assignment.
- Developed an audio steganography application in C# as the final project.

**National Diploma, Computer Science**, (Esa-Oke, Osun State, Nigeria)

Dec 2012 – Mar 2015

- Mastered object-oriented programming with Java and developed applications, including a camouflaging worm detection system as a final project.
- Gained proficiency in Visual Basic programming and the .NET framework, creating various applications.
- Acquired expertise in digital electronics, system troubleshooting, and computer networks.
- Learned data structures, algorithms, and web design using HTML and CSS, building website projects as part of coursework.
- Engaged in hands-on programming and system development, applying knowledge through real-world projects.