

# Babafemi Ogundipe

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## About

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Highly skilled and experienced Senior Engineer with 12 years of expertise in .NET and Golang development. Demonstrated ability to design, develop, and deploy complex software solutions in a wide range of industries including Payment, Education and Oil & Gas Industries. Proven track record of delivering high-quality code, driving project success, and mentoring junior developers. Adept at collaborating with cross-functional teams and stakeholders to understand business requirements and translate them into scalable and efficient software solutions. Strong problem-solving skills and a passion for staying up to date with the latest technologies and industry trends.

## Technical Skills

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**Languages:** Golang, C#, .NET (Asp.net MVC, Webforms & .Net Core >2.1), Nodejs, React, Angular, Typescript, jQuery, HTML/CSS, JavaScript, MS SQL, PostgreSQL, Oracle

**Developer Tools:** VS Code, Visual Studio, Google Cloud Platform, Azure, Aws, Linux, Docker, Kubernetes, Pulumi, GitHub,

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## Babcock University

Sep. 2009 – May 2013

*Bachelor of Science in Computer Science (Information Systems)*

## Relevant Coursework

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- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture
- Distributed Systems

## Experience

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### Education

### Chevron Oil & Gas

July 2019 – Present

*Senior Software Engineer*

- Spearhead the management and maintenance of legacy Microsoft .NET Framework applications, aligning them with new business requirements and ensuring seamless operations.
- Provide technical guidance and mentorship to the development team, resolving complex technological issues and achieving a 97% business owner satisfaction rate.
- Successfully enhanced the payment API performance by implementing a microservice architecture using .Net Core, Docker, Kubernetes, Azure Service Bus on Azure, resulting in a significant 90% increase in application throughput.
- Employed optimization techniques such as SQL query optimization, code refactoring, and azure cloud deployment to enhance the performance and scalability of legacy applications.
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- Developed a mobile application using React-Native and Azure Face API for retirees' verification, incorporating facial recognition technology to enhance accuracy and efficiency.

## **Fund hill, Inc**

**September 2018 – June 2019**

### *Senior Software Engineer*

- Develop and maintain a highly performant and user-friendly mobile application for FundHill, leveraging the power of Stellar Pay Crypto, Golang, React and hosting on AWS EC2. This innovative app enables secure and efficient international payments, transcending geographical barriers and facilitating seamless financial transactions across diverse countries and regions.
- Demonstrated exceptional technical prowess by conceptualizing, designing, and implementing the Edo State Budgeting System. Leveraging the versatile Golang, Postgres as a database and leveraging AWS services including EC2 and Amazon S3, this advanced application revolutionized budgeting processes, ensuring accuracy, transparency, and streamlined financial management for the esteemed Edo State authorities.
- Exercised a strong entrepreneurial spirit and project management acumen by leading the development and maintenance of posmerchantshub.com. This dynamic and interactive platform serves as a comprehensive hub for point-of-sale merchants, facilitating seamless transactions, optimizing business operations, and unlocking growth opportunities in the rapidly evolving digital commerce landscape.
- Pioneered the creation of a cutting-edge and community-driven blockchain technology utilizing Golang and Angular for the front end. This ground-breaking open-source project showcases expertise in blockchain development, offering a scalable and robust solution for various decentralized applications (dApps) and fostering collaboration within the blockchain community.

## **Infinitude Tech**

**July 2017 – August 2018**

### *Senior Software Engineer*

- Led the strategic planning and administration of the software engineering team, successfully launching two critical projects for the Federal Government within stringent 3-month constraints. Ensured adherence to the highest quality standards while fulfilling business owner requirements.
- Enhanced software development productivity by building internal NuGet packages, developing helper methods, and creating reusable DLLs to streamline development processes and reduce code duplication.
- Implemented the Scrum process, actively participating in daily stand-ups, sprint planning, and task completion, resulting in improved team collaboration and project delivery.
- Documented systems and applications to streamline business procedures, accelerate onboarding, and facilitate knowledge transfer, reducing onboarding time by 44%.

## **Prunedge Tech**

**June 2016 – December 2016**

### *Software Engineer*

- Collaborated with the Project Manager and a cross-functional team in the development of a University Management Software for a prestigious Nigerian university using .NET MVC, jQuery and MongoDB.
- Executed user onboarding through 20 different processes, including UI customization and ensuring a seamless user experience.
- Introduced comprehensive unit and integration tests to deliver high-quality features, ensuring reliability and stability. Leveraged SSRS to generate daily, monthly, and annual reports for effective data analysis and decision-making.

## **Babcock University May 2013 – May 2014 internship**

- Assisted in coordinating coding activities, ensuring program logic integrity, and developing and updating existing systems, resulting in a 25% increase in task success rate.
- Collaborated with senior technology solutions team members to develop over 12 software solutions across various platforms, including web, desktop, and mobile.

## **.Projects**

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### **Enterprise Cron Job | Golang, Postgres, Google Cloud**

- Developed a precise scheduling mechanism that allowed users to define specific time intervals or patterns for task execution.

- Implemented a comprehensive error handling mechanism. It captured and logged exceptions that occurred during task executions.
- Created a retry mechanism in situations where a task failed to execute successfully. Failed tasks are automatically retried based on predefined rules, such as specified number of retries or a delay between retries.
- The system incorporated alerting and notification mechanisms to promptly notify administrators or relevant stakeholders about any issues or exceptions encountered during task execution.

**Contractors Registration Application** | *.net core, azure, react, artificial intelligence.*

- Developed an intuitive and engaging interface for contractors to register profiles using React.
- Implemented real-time facial verification as a prominent feature for secure and accurate user authentication.
- Ensured a seamless and secure authentication process during user registration with real-time facial verification.
- Combined technologies to deliver a streamlined registration experience for contractors while prioritizing security through real-time facial verification.
- Enhanced trust and reliability within the platform by implementing advanced authentication features.

**Access-Square Application** | *.net core, Postgres, azure, react, artificial intelligence. Angular*

- Implemented a secure user registration and authentication system using ASP.NET Identity and PostgreSQL, enabling brokers to create accounts, log in, and verify their identity to access the platform.
- Integrated a robust trading system with C#, allowing brokers to place buy and sell orders for stocks, monitor order status, and manage their trades. Real-time updates on market prices, order execution, and trade confirmations were provided.
- Incorporated live market data feeds and charting tools with React, PostgreSQL and C#, enabling brokers to analyse market trends, track stock prices, and perform technical analysis. Real-time stock quotes, historical data, and interactive charts were available for informed investment decisions.
- Implemented collaborative features using ASP.NET MVC and React, enabling brokers to engage in real-time chat, share insights, and exchange information within the platform.