

FRANCIS ADEDIRAN

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Experienced full-stack engineer/technologist with a passion for automation and demonstrable history of always delivering project objectives within budget and on time.

Fully capable of working individually and in small teams. Comfortable working anywhere across the technology stack but more experienced with the backend. Certified developer in C# .NET, Kubernetes, AWS, Scrum Fundamentals. Committed to continuous professional growth. Currently focusing on building scalable and maintainable microservices/API in the cloud. I'm writing a book about this.

TECHNICAL EXPERTISE

Programming languages/Frameworks:

- C#, .NET Core, ASP.NET Core, .NET, ASP.NET FORMS/MVC, Entity Framework, RESTful services.
- Node JS, Javascript, Typescript, Express, Mali gRPC, React JS, Redux
- Python, Flask, Jupiter Notebook

Cloud/Containers: AWS, Azure, Serverless, Kubernetes, Docker, Azure Devops, GCP, Podman, Pulumi, Terraform

Databases: MS SQL, MySQL, Mongo DB, Graph DB, Dynamo DB, Redis, Elastic Search

Testing: MS test, Xunit, Moq, Rhino Mock, Enzyme, Jasmine, SpecFlow, Wiremock, Jest

Tools: Visual Studio, VS Code, LinqPad, Nuget, NPM, Resharper, Redgate SQL Compare

Application lifecycle management: Jenkins, TeamCity, Bamboo, Octopus, TFS, Git, Azure Devops, AWS CodePipeline/Build

Development Methodologies/Practices: Agile(Scrum/Kanban), Waterfall, SOLID, BDD, TDD, Pair Programming, Onion Architecture (IoC), Inversion of Control, DevOps, Continuous Integration/Delivery (CI/CD)

ACHIEVEMENTS

- Elevated my first company from Silver Microsoft partner to Gold Microsoft Partner by successfully completing required certifications.
- Lead a team that alleviated cross-cutting concerns in critical applications. Logging, Monitoring, Dashboards, Alerts, and Healthcheck/heartbeats.
- Helped re-architecture a monolith to microservices and released MVP on time. Coached and lead a team of junior developers/graduates remotely to release a project on time and successfully.

CAREER SUMMARY

DEC 2020 – Present	Publicis Sapient	Lead Developer
FEB 2019 – DEC 2020	Publicis Sapient	Senior Fullstack developer
JULY 2017 – JAN 2019	Novafori	Senior Fullstack developer
FEB 2017 – JUNE 2017	TotalJobs (StepStone)	FullStack Developer
APR 2016 – DEC 2016	Ticketmaster	Fullstack developer
OCT 2014 – FEB 2016	FundAssist	Senior Software Developer
SEPT 2012 – SEPT 2014	Buy4now	Software Developer

EXPERIENCE

DEC 2020 – CURRENT

LEAD DEVELOPER, PUBLICIS SAPIENT

Promoted to Lead developer

Highlights of this role are:

- Improving applications diagnostics and insights by adding application-workflow logging, request tracing, and event sourcing.
- Deploying and maintaining resources using Azure ARM templates.
- Participating in System design, business analysis, and requirement gathering.
- Creating technical documents of processes, tools, and plans.
- Reviewing codes, deployment pipelines, logs, and metrics for improvements and reporting
- Mentoring and coaching teams to establish best practices and identify concerns.
- Improving CI/CD pipelines by making them modular and reusable
- Reporting the CTO, Sponsors, and Project managers.

FEB 2019 – DEC 2020

SENIOR SOFTWARE DEVELOPER, LLOYDS BANK VIA PUBLICIS SAPIENT

Contracted to Lloyds banking group as a Full-stack developer to assist the company in digitising its business users' journey.

Highlights of this role are:

- Contributed to moving their backend services to containers using Docker and Kubernetes.
- Being part of the team that initiated the use of gRPC as our microservices' intercommunication protocol.
- Developed and deployed applications using Node.js, OpenAPI schema, Express, protobuf.
- Lead a team of developers to produce ad-hoc data integration APIs using .Net Core.
- Managed team's project using Jira, Confluence, Teams, Sharepoint.
- Mentored other developers using Brown bag sessions, regular round table sessions, delegation, and hackathon.
- Maintained and upgraded the CI/CD pipelines in Azure Devops.

JULY 2017 – JAN 2019

SENIOR SOFTWARE DEVELOPER, NOVAFORI

Joined the company in its early stage of transitioning its infrastructure to AWS, was part of the team that did research and developed proofs-of-concept (POCs).

Worked together with the Operations team in designing and developing CI/CD pipelines and environments.

Highlights of this role are:

- Lead by example by being initiative and available to assist other team members.

- Using AWS infrastructure (Lambda, CodePipeline, Serverless, etc) to solve business problems.
- Worked as a key part of an agile development team, taking responsibility for organising and planning my own work.
- Gained experience in using JavaScript framework (Express, React.js, Lambda/Serverless JS) to create applications
- Expanded my knowledge and usage of .Net Core framework and integrating third party APIs.
- Ensured coding standards are followed and helped to enforce good programming practices.
- Coded in C#, Typescript, React, JSON and YAML
- Gave presentations on object-oriented programming, functional programming, TDD, Design patterns, and importance of loggings.
- Gained an understanding of event-driven architecture using Service Bus or AMQP Messaging technologies.

FEB 2017 – JUNE 2017

FULL STACK DEVELOPER, TOTALJOBS (STEPSTONE UK) LTD

Worked as part of the team that dealt with SEO and Search components of the TotalJobs and sister sites.

Programmed in C#, AngularJs, SQL, Python, LESS and Bash.

Highlights of these roles were:

- Helped with the integration of external APIs such Google Adwords, Lucence Search, and Stepstone Data Repo.
- Refactored existing codebase for better quality and maintainability using SOLID principles, DRY, YAGNI, and KISS.
- Gained experience in Kanban and fast-paced project delivery.
- Expanded my knowledge of SEO and SQL data tuning.
- Worked in close collaboration with product management, testers, deployment team, and other cross-functional teams.
- Gained experience giving feedback to product owners, architects, and engineering leads.
- Owned the production operation and monitoring of APIs and services via monitoring platforms

APR 2016 – DEC 2016

SENIOR SOFTWARE DEVELOPER, TICKETMASTER INC.L

Joined Livenation tech team with Ticketmaster in April 2016. The projects I was worked on were tight-deadline, high-speed delivery.

Highlights of my role were:

- Using .Net Core framework with C# for the first time to create enterprise backend microservices.
- Implemented code that is modular, self-contained and observed the technical constraints on the system.

- Created technical documentation for developers and business stakeholders. Sequence diagrams, system diagrams, and architecture decision diagrams (ADR).
- Encouraged best practices such as pair programming, TDD, coding standards, and code reviews.
- Participated in the DevOps movement by helping with the integration of CI/CD tools such as Teamcity, Octopus, SonarQube, AWS deployment.
- Integrate services using Message Queue (RabbitMq) and SQL Database.
- Gained experience giving presentations and brown bag sessions.

OCT 2014 – FEB 2016

SENIOR SOFTWARE DEVELOPER, FUNDASSIST LTD

Was tasked with moving legacy VB codes to C# and legacy Winforms applications to Web Applications.

Programmed in C#, F#, VB.NET, SQL, ASP, AngularJS, Razor, and BASH.

Highlights of these roles were:

- Set up test suites using TDD with Nunit to enable Continuous Integration.
- Owned software from Inception to Deployments.
- Set up dashboards for logging and metrics analytics using Grafana and AppMetrics Prometheus.
- Encouraged continuous learning and improvement culture through the introduction of “Thursday-just-before-Friday-tech-talks”, best innovation idea, and contributor awards.

SEPT 2012 – SEPT 2014

SENIOR SOFTWARE DEVELOPER, BUY4NOW(E-GROCER) LTD

Was tasked with moving legacy VB codes to C# and legacy Winforms applications to Web Applications.

Programmed in C#, F#, VB.NET, SQL, ASP, AngularJS, Razor, and BASH.

Highlights of these roles were:

- Set up test suites using TDD with Nunit to enable Continuous Integration.
- Wrote acceptance Tests using Specflow and Selenium.
- Owned software from Inception to Deployments.
- Set up dashboards for logging and metrics analytics using Grafana and AppMetrics Prometheus.
- Encouraged continuous learning and improvement culture through the introduction of “Thursday-just-before-Friday-tech-talks”, best innovation idea, and contributor awards.

SEPT 2010 – SEPT 2012

SOFTWARE DEVELOPER, BUY4NOW(E-GROCER) LTD

First job out of university. Was paired with a senior developer to help with fixing bugs and dealing with user-centric issues.

Highlights of these roles were

- Maintaining frontend applications writing in C#, ASP.NET Web Forms and JQuery.
- Pair programming with senior developers.

- Reporting to testers, scrum masters, and product owners.
- Handling ad-hoc queries from customers and generating data using SQL
- Gained an understanding of SQL, Stored procedures, Triggers, Object-Oriented programming, and layered architecture.

EDUCATION

CURRENT

AZURE SOLUTIONS ARCHITECT EXPERT, MICROSOFT

MAY 2021

CERTIFIED KUBERNETES APPLICATION DEVELOPER (CKAD), CNCF

Tested my ability to design, build and debug scalable applications using Kubernetes tools and resources

FEB 2018

AWS CERTIFIED DEVELOPER ASSOCIATE, AWS

Tested my understanding of core AWS services, best practices, and proficiency.

SEPT 2010 - 2016

BA IN COMPUTER SCIENCE, TRINITY COLLEGE DUBLIN

Tested my understanding of core computer science principles, design patterns, and applications.

ACTIVITIES

During my spare time, I enjoy cycling, playing games and travelling. I also enjoy blogging and sharing technical knowledge via tweets and short videos.