Abel Tony

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**SUMMARY**

Accomplished Full-Stack Developer with an impressive 7-year track record of delivering high-performance, scalable, and user-centric web applications. Demonstrated expertise in elevating website traffic and conversion rates by 25%. Proficient in deploying cutting-edge data management systems, refining data processing, and elevating data precision by 20%. Adept team player with a proven track record of timely and cost-effective project delivery.

**SKILLS SUMMARY**

* Developed web-based applications using .NET technologies like C#, ASP.NET MVC, .NET Core 5.0, .NET Framework, HTML, CSS, and IIS.
* Proficient in object-oriented programming techniques, Microsoft design patterns (e.g., MVC, SOA), WCF, and Data Transfer Objects (DTO).
* Designed and developed RESTful web services using Node.js, Express, Fastify, and Nest.js.
* Created and maintained server-side applications and SPAs with Angular, Next.js, and Nest.js.
* Implemented modern development approaches including MVC, AJAX, and Object-Oriented TypeScript.
* Familiar with JavaScript frameworks such as Next.js, React.js, Typescript, and Bootstrap.
* Strong background in unit testing, integration testing, and working with RESTful and SOAP web services.
* Skilled in databases like MongoDB, SQL, and cloud technologies such as AWS.
* Experienced in Agile development processes, architecture design, and software implementation.
* Collaborative team player with a history of delivering high-quality solutions in fast-paced environments.
* Proficient in ASP.Net Core 5.0 for web application design.
* Managed content in Sitefinity and SiteCore CMS platforms, creating widgets and templates for Sitefinity.
* Utilized ADO.NET for efficient data retrieval, display, editing, and updating.
* Proficient in SQL Server Database Design, Analysis, and Normalization, including stored procedures, views, triggers, indexes, and constraints.
* Developed complex Stored Procedures, Views, Triggers using PL/SQL, T-SQL, and performed performance tuning in SQL Server 2019.
* Designed applications incrementally adoptable with Angular and Nest.js.
* Developed applications using MVC, Blazor server-side, and WEB API with Entity Framework.
* Designed a middle layer for token generation and authentication validation in Web API applications.
* Implemented client-side JavaScript, JQuery, HTML, CSS, LINQ, and ORM technologies like Entity Framework.
* Worked with Angular routing, Lazy loading, React Forms, and created reports using SQL Server Reporting Services (SSRS).
* Handed on Web3 and P2E game platform development.
* Experienced in Waterfall, SCRUM, and Agile software development approaches.
* Utilized Ninject for creating interfaces and injecting into controllers, and serilog, Log4net for logging.
* Developed web applications using MVC architecture, SSRS for report generation, and Red gate tool for maintaining SQL server databases.
* Worked with jQuery, JSON, SSIS, SSRS, SSAS, DAX queries, Kendo Grid UI, and deployed applications to various environments.
* Experience in Single Page Applications (SPA) framework, DAX queries, Kendo Grid UI, and deploying applications to different environments.
* Proficient in Unit testing, Integration Testing, Functional Testing, Bug Tracking, Encryption, and Security Skills.
* Proficient in utilizing Docker for deploying back-end services and managing Docker images in RedHat OpenShift (platform as a service) environment.
* Skilled in Jenkins pipeline to automate microservices builds, push them to the Docker registry, and deploy them using Kubernetes.
* Excellent communication skills, strong analytical abilities, organized, and dedicated to fulfilling responsibilities effectively.

**EDUCATION**

**Bachelor’s Degree in Computer Science** 2011 - 2015

Singapore University • Singapore

CGPA: 3.7

**[Master of Science in Web and Application Development](https://www.masterstudies.com/institutions/touro-university/master-of-science-in-web-and-application-development)** [2016 - 2017](https://www.masterstudies.com/institutions/touro-university/master-of-science-in-web-and-application-development)

National University of Singapore • Singapore

**PROFESSIONAL EXPERIENCE**

**Ahau-x (Remote, Full-time)**   ****(Guatemala City, Guatemala)****

Senior Full Stack Developer Oct 2023 – Aug 2024

**Responsibilities**

* Developed CRM site for building security and RESTful APIs using React and Express.js, focusing on UI presentation with HTML5, Tailwind CSS, Bootstrap, and React.
* Implemented advanced techniques for object detection in agricultural applications.
* Proficient in Test Driven Development (TDD) utilizing the NUnit Framework for rigorous unit testing, ensuring high-quality code.
* Experienced with Docker and Kubernetes for deploying scalable applications in cloud environments.
* Integrated SAML and JWT for secure user authentication processes.
* Leveraged TailwindCSS for responsive and intuitive designs while utilizing React for dynamic user interfaces.
* Managed source code efficiently using Git and TFS. Embraced DevOps practices with continuous integration and deployment pipelines through Jenkins.
* Utilized Datadog and Splunk for performance monitoring and log management, enhancing application reliability.
* Effectively collaborated with teams using Jira for agile project management and sprint planning.
* Worked with AWS services, designed data models in Snowflake, and implemented comprehensive data pipelines and ETL workflows using Apache Airflow.

**Environment:** TypeScript, Visual Studio, React, Next.js, Python, Django, Computer Vision, GraphQL, Docker, Kubernetes, NodeJS FrameWork, SAML, JWT, TailwindCSS, Git, Jenkins, Datadog, Splunk, Continuous Integration, Jira, AWS

**Born Group (Remote, Contract)**   **(New York, NY)**

Senior Full Stack Developer Sep 2019 – Oct 2023

**Responsibilities**

* Developed web applications and RESTful APIs using Angular and Nest.js, focusing on UI presentation with HTML5, Tailwind CSS, Bootstrap, and React.
* Built easily maintainable and scalable apps with Nest.js, emphasizing streamlined architectural design and simplified app development processes.
* Integrated user-facing elements created by front-end developers with server-side logic, constructing reusable code and libraries to optimize applications for speed and scalability.
* Effectively utilized ASP.NET security infrastructure for user authentication, authorization, and other security tasks using C#.NET.
* Leveraged the CQRS design pattern in the application to enhance system responsiveness.
* Utilized Swagger UI for testing RESTful services.
* Implemented Cache Memory on Windows Azure to enhance data transfer performance between SQL Azure and WCF services.
* Collaborated with clients and stakeholders to gather requirements for Web3 and game platform projects.
* Leveraged Classic ASP.NET and SQL extensively to meet client requirements and maintain standards in Web3 and game platform projects.
* Demonstrated expertise in using SOAP/REST Services, employing different bindings to cater to various clients in Web3 and game platform projects.
* Employed Multithreading to execute multiple tasks within the application.
* Managed source code using both TFS (for the UI layer) and GIT (for services) for efficient source code management.
* Conducted root cause analysis and resolved Windows/IIS Web Server-related issues.
* Leveraged JQuery for page scripting, AJAX calls, and handling JSON and XML objects between Controller and View bidirectionally.
* Implemented Test Driven Development (TDD) using the NUnit Framework for unit testing, including the ability to load, explore, and execute tests.
* Incorporated DevOps practices with CI/CD tools like Jenkins and Git for automated deployment.
* Designed Snowflake data models encompassing tables, views, and materialized views.
* Implemented data pipelines and ETL workflows using Apache Airflow for automated data processing.
* Collaborated with data engineers and scientists to architect scalable data pipelines for big data processing.
* Led the migration of legacy ETL processes to Airflow for improved performance and maintainability.
* Developed optimized SQL queries and data models for databases such as PostgreSQL and MySQL.
* Utilized D3.js for data visualization, creating interactive dashboards to provide insights to stakeholders.
* Integrated DevOps practices with CI/CD tools like Jenkins and Git for automated deployment.
* Managed application deployment on Amazon AWS and Google AppEngine.

**Environment:** C#, .NET Core, Go, ASP.NET, TypeScript, Visual Studio, Web3, Solana, Blockchain, Microservices, gRPC, GraphQL, Docker, Kubernetes, Helm, SAML, JWT, Angular, MUI, Git, Jenkins, Datadog, Splunk, Continuous Integration, Jira, AWS

**Duke Energy (Remote, Full-Time) (Charlotte, NC)**

Full Stack Developer Dec 2017 - Nov 2019

* Engaged with client stakeholders to gather requirements for the work product.
* Estimated user stories and translated application storyboards and use cases into functional specifications.
* Developed sub-applications using Nest.js for the backend and Angular for the frontend, incorporating technologies like TypeScript, RxJS, HTML5, CSS, and Bootstrap.
* Leveraged Classic ASP.NET and SQL extensively to fulfill client requirements and maintain coding standards.
* Implemented cross-browser/platform compatible UI using Angular for dynamic page layouts while adhering to coding best practices.
* Demonstrated proficiency in integrating SOAP/REST Services in Nest.js and Angular, adapting to different bindings for diverse client needs.
* Managed building and deploying applications through Jenkins, integrating with AWS services for deployment and cloud management.
* Crafted complex SQL queries, Stored Procedures, Views, Triggers, and Functions for database operations in the Nest.js environment.
* Conducted thorough testing on applications, including unit testing various use cases, and documented results for stakeholder approval.
* Provided support to the Operations team during deployment and troubleshooting of production issues on a regular basis.
* Developed Angular JavaScript frameworks optimized for Restful APIs to enhance web application functionality.
* Created and maintained cloud applications, migrating on-premises servers to Azure for improved scalability and performance.
* Participated in weekly meetings with project sponsors to ensure project milestones and deadlines were met effectively.
* Demonstrated expertise in writing Automation scripts using Selenium with Java/.NET for testing in the Nest.js and Angular stack.
* Utilized JIRA for task management and tracking project progress in the Nest.js and Angular development environment.
* Collaborated with end-users to estimate project complexity and redesign legacy applications using the latest technology stack including Nest.js, Angular, and related technologies.
* Developed applications in C# to meet business requirements, leveraging Visual Studio.NET for development in the Nest.js and React environment.
* Applied Object-Oriented Programming principles by creating classes in C#.NET for database access in the Nest.js and React full stack.
* Designed and developed different modules of applications using C#, ASP.NET, ADO.NET LINQ, WCF, and ASP.NET MVC in the Nest.js and Angular ecosystem.
* Programmed applications using .NET Core and AWS Lambda API, integrating with Nest.js and Angular for enhanced functionality.
* Implemented Logging and Monitoring solutions for Microservices architecture in the Nest.js and Angular environment.
* Designed and consumed XML Web Services using Microservices architecture, integrating seamlessly with Nest.js and Angular applications.
* Created frontend interfaces using Angular for enhanced user experience, incorporating object-oriented JavaScript frameworks.
* Utilized AJAX Library, CSS, JavaScript, and various web controls to present data effectively to users in the Nest.js and Angular stack.
* Leveraged jQuery for efficient traversal of HTML documents, event handling, and AJAX interactions in the Nest.js and Angular development environment.
* Implemented JavaScript, jQuery, and AJAX for client-side validations and scripting on Web Pages in the Nest.js and Angular full stack.
* Developed custom layouts using Kendo UI, jQuery UI, and Bootstrap frameworks to enhance user interface design in the Nest.js and Angular applications.
* Designed UI controls utilizing Angular Material framework to provide a modern and responsive user experience in the Nest.js and Angular full stack development.

**Environment:** TypeScript, Nest.js, Node.js, React, Go, Next.js, HTML5, CSS, VS Code, CI/CD, Microservices, GraphQL, Git, MongoDB, PostgreSQL, Scrum, Agile, Jira, Docker

**Civis Analytics (Hybrid, Intern)** **(Chicago, IL)**

Backend Developer Jan 2017 - Nov 2017

* Worked with the team to understand the requirements of the software application being developed.
* Contributed to the design and architecture of software applications by working closely with internal teams.
* Used .NET programming languages such as C# and VB.NET to write efficient and reusable code.
* Assisted in testing and deploying applications and systems developed using .NET.
* Contributed to the improvement of existing software by revising, updating, refactoring, and debugging code.
* Created and maintained documentation at various stages of the software development life cycle.
* Assisted in providing technical support for web, desktop, or mobile applications developed using .NET.

**Environment:** Node.js, Nest.js, ASP.NET, C#, CI/CD, Github, RESTful API, Microsoft Azure, MySQL, Agile, Jira