
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

2012 - 2015

University of Oxford • Oxford

CGPA: 3.7

Mater's Degree in Computer Science

2015 - 2017

University of Oxford • Oxford

CGPA: 3.9

PROFESSIONAL EXPERIENCE

Solar Enterprises (Remote, Contract)

(Stockholm, SW)

Senior Full Stack Developer

Jun 2021 – Nov 2024

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

BORN (Remote, Full-Time)

(New York, NY)

Full Stack Developer

Apr 2019 - May 2021

- 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: ASP.NET, C#, RESTful APIs, SOAP Services, AWS Lambda, 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

May 2018 - Mar 2019

- 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

