

# NISHANT KANT OJHA

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## PROFESSIONAL SUMMARY

A seasoned full-stack developer with over 5 years of experience in Angular, ASP.NET Core, and Azure cloud services. Proficient in leveraging data structures, algorithms, and object-oriented principles to deliver robust solutions. Proven ability to lead cross-functional teams, provide technical mentorship, and drive process improvements. Skilled communicator with a problem-solving mindset, dedicated to delivering high-quality, innovative software that enhances user experiences and drives business growth.

## CERTIFICATIONS

**AZ-900** : Microsoft Azure Fundamentals

Mar, 2022

**DP-900** : Microsoft Azure Data Fundamentals

Mar, 2022

## SKILLS

<b>Languages</b>	C#, TypeScript, JavaScript, Python, GraphQL, Bash, C, C++, Java, Groovy, LaTeX, Yaml
<b>Frameworks &amp; Runtime Envs</b>	Angular, ASP.NET Core, React, Node.js, CLR, Containerd, JRE
<b>Angular Libraries</b>	Microsoft Authentication Library (MSAL), Angular Fire, Angular Google Maps, Angular Google Pay, Angular CDK, Angular Material, Angular YouTube, i18n, NgRx, AG Grid, ngx-translate, ngx-mask, ngx-charts, Bootstrap, Angular Material, Tailwind CSS, chart.js, D3.js, pdf.js, jsPDF, Karma, Protractor, Jest, Cypress, Mocha, Jasmine, RxJs, Storybook, Three.js, leaflet.js, SendGrid, Lodash, Moment, webpack, eslint, underscore.js
<b>.NET</b>	.NET v7, Web API, Minimal API, Routing, Middleware, Filters, Authentication, Authorization, Dependency Injection, REST, GraphQL, Dapper ORM, Entity Frame Core (EF Core), Serilog, XUnit, Moq, Fluent Validation, MediatR
<b>Database</b>	MSSQL, MySQL, PostgreSQL, SQLite, MongoDB, Redis, Firebase, Supabase, Appwrite, Local & Session Storage, IndexedDB
<b>Azure Services</b>	App Service, Static Web Apps, Functions, Blob Storage, Azure CDN, Azure API Management, Key Vault, Application Insights, Active Directory, Docker, Kubernetes, Ansible, GitHub Actions, Azure DevOps, JFrog, Splunk
<b>Development Tools</b>	Figma, Postman, Visual Paradigm, Matrix, Putty, WinScp, Powershell, Git, GitHub, Jira Work Management, Confluence, Vim, Neo Vim

## PROFESSIONAL EXPERIENCE

**Full Stack Developer** | Securian Canada

Nov, 2022 - Present

**Ori** - A single-page web app used by banks like BMO to streamline operations.

- Effectively collaborated with Business Analysts, Product Owners, Product Managers and other stakeholders to create comprehensive Business Requirement Documents (BRDs).
- Organized the web application project structure by dividing it into API, Application, Domain, and Infrastructure layers.
- Integrated the application with major third-party providers like Canada Post, SharePoint, Equifax, and TransUnion, enhancing data integration capabilities, and partnered with Cumis Credit Insurance for quoting, streamlining the insurance quoting process.
- Configured dozens of APIs using GraphQL, optimizing data handling and communication across the platform.
- Developed over 50 RESTful APIs, interfacing with MSSQL databases using Microsoft EF Core and LINQ for CRUD operations, and wrote complex SQL queries for SQL Server databases.
- Designed and implemented five scalable microservices using ASP.NET Core Web API and GraphQL, and deployed them to Azure Web App Services via Azure DevOps.
- Utilized advanced C# features to build high-performance applications, including multi-threading, exception handling, logging, and asynchronous function handling.
- Configured global logging mechanisms in ASP.NET web applications using ILogger, and integrated logging with Azure Application Insights for troubleshooting and performance analysis.
- Implemented API validation using the Fluent Validation library, enhancing API security.
- Integrated Azure Application Insights into the frontend Angular application for enhanced monitoring and performance tracking.
- Developed and tested UI components with Storybook, reducing UI bugs by 30%, and improved reliability and stability through comprehensive Angular testing using Karma.
- Integrated RESTful APIs with frontend applications for efficient data retrieval and synchronization.
- Implemented ASP.NET Core Identity features for authentication, authorization, and access control, integrating OAuth2 and JWT token-based authorization.
- Conducted comprehensive unit testing and integration testing for web applications using xUnit and NLog, ensuring high-quality code and robust software solutions. Created detailed test cases to validate functionalities and maintain a high level of application stability throughout the development process.

- Developed insightful dashboards with Chart.js and D3.js, enhancing user experience.
- Configured more than a dozen CI/CD pipelines in Azure DevOps for building, testing, scanning, releasing, and deploying applications/microservices to Azure Web Apps and Blob Storage.
- Deployed .NET applications to production in Azure cloud environments, supporting production activities and collaborating with DevOps teams to improve deployment speed.
- Implemented advanced source control branching strategies to deploy different application versions to production, optimizing cost management and infrastructure utilization.
- Adhered to Agile methodology by participating in daily scrum meetings and utilizing JIRA for managing user stories and bug tracking, enabling effective collaboration with cross-functional teams and ensuring a smooth and transparent development workflow.

**Nova** - Securian Canada insurance distribution platform used by major credit unions.

- Integrated Microsoft Authentication Library (MSAL) for secure authentication and authorization, achieving a 99.9% authentication success rate.
- Created an Azure function in C# for document uploads to Azure Blob Storage using Azure SDK, improving handling efficiency by 50%.
- Established Angular state management using NgRx from scratch, reducing data retrieval times by 40% and creating a more scalable architecture.
- Implemented Angular UI components with Storybook, for isolated UI Component development and testing, which resulted in reducing UI bugs by 30%.
- Enhanced code quality and reduced review times by 30% by writing out ESLint rules for the Angular project.
- Collaborated with Canada Life Credit Union for insurance quoting, extending the platform's functionality and reach.
- Developed comprehensive technical documentation, facilitating knowledge transfer and streamlining onboarding processes.

**Creditor Insurance Discovery Tool** - A single-page web app used by banks like BMO to streamline operations.

- Designed dynamic Angular forms based on user interaction.
- Implemented Adobe PDF SDK, Azure Blob Storage, and Functions for efficient PDF generation and data storage.
- Expanded language support from 2 to 5 using Angular i18n, enhancing accessibility.
- Developed a responsive and user-friendly interface using Angular Material and dynamic tooltips.
- Improved code quality and reduced review times by 30% through ESLint integration.

**Full Stack Developer** | Nykod It Consulting

Jan, 2020 - Oct, 2022

- Developed a real-time collaborative drawing application using SignalR, enabling multiple users to simultaneously draw and interact on a shared canvas, resulting in a 35% increase in user engagement and retention.
- Integrated SignalR with a SQL Server database to facilitate real-time updates and synchronization of drawing data across all connected clients, ensuring a seamless and consistent user experience.
- Designed and implemented scalable server-side components for SignalR, optimizing message handling and connection management to support high concurrency and low latency communication.
- Collaborated closely with design and product teams, leveraging Angular's reactive forms and observables to create a responsive and intuitive user interface for the drawing application.
- Implemented RESTful APIs using ASP.NET Web API, providing endpoints for user authentication, drawing data retrieval, and other functionalities, reducing API response time by 40%.
- Utilized Angular's dependency injection and state management features to enhance application stability and reduce post-launch defects by 50%.
- Documented technical details using Angular's documentation generation tools and ASP.NET Core's logging capabilities, increasing development efficiency by 20%.

## EDUCATION

**Diploma in Computer Programming** | Seneca College | GPA - 3.8

Jan, 2021 - Aug, 2022

**Course Highlights:**

- Developed object-oriented programming skills using C/C++ and Manipulated data using SQL for efficient database management
- Modeled, designed, and developed databases for business purposes
- Applied principles of the Software Development Life Cycle (SDLC), Computer Networking, System Design, and UML
- Authored shell scripts, utilized pipes and redirection for data manipulation, and defined patterns using regex
- Practiced DevOps principles, including Source Control Management, Integration, Testing, Configuration Management, and Monitoring

## INTERESTS

- Passionate about exploring and mastering the latest trends, tools, and best practices across diverse technologies, fostering continuous learning and growth.
- Experimenting with **cooking** techniques and creating new recipes.
- Cultivating a variety of plants and maintaining a **garden**, currently growing Aloe Vera and Basil.
- Competing in multiplayer battleground games like **COD** and **PUBG**.