

Ding Nan

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SUMMARY

Senior Software Developer with over 20 years of successful experience in enterprise software development. Brings over 5 years of hands-on experience with modern JavaScript frameworks and .NET Framework with SQL Server. A clean coder who adheres to SOLID principles and emphasizes maintainable, high-quality code.

TECHNICAL SKILLS

- Angular, TypeScript, HTML, CSS, JavaScript
- .NET, C#, SQL Server
- AWS Cloud

WORK EXPERIENCE

Senior Front-End Developer, Rogers

Aug 2022 - present

- Led front-end development of sales and product pages supporting smart home security and streaming services (Netflix, Disney+).
- Implemented pagination and lazy loading on the channels page, optimizing page performance and enhancing user interaction.
- Technologies used: Angular 16, RxJS, NgRx, Node.js

Senior Front-End Developer, The Home Depot

Feb 2021 - Aug 2022

- Enhanced the product page by adding the Home Depot label credit card promotion feature, driving increased customer engagement and conversion rates.
- Integrated a charity donation feature on the checkout page, boosting customer participation in charitable contributions and enhancing the brand's social impact.
- Implemented a sponsored products feature, generating additional revenue streams and increasing product visibility on the platform.
- Technologies used: Angular 10, RxJS, NgRx

Senior Front-End Developer, BMO Bank

Jul 2020 - Feb 2021

- Contributed to the development of a digital mortgage document portal to minimize the need for in-branch visits during the COVID-19 pandemic, enhancing customer convenience and safety.
- Designed and implemented a reusable Angular component library, along with a showcase page, to support internal framework standardization and improve development efficiency across teams.
- Technologies used: Angular 9, Jest, AWS

Senior Front-End Developer, Ceridian

Oct 2019 - May 2020

- Migrated a large Silverlight web application to HTML5.
- Improved web accessibility using latest accessibility standards and principles.
- Technologies used: Dojo Toolkit, JavaScript, HTML5, CSS3

Senior Angular Developer, Adesa Global

Apr 2019 - Sep 2019

- Worked with designers, backend developers and product owners to build a world class online used car auction platform.
- Implemented type ahead search component using RxJS operators.
- Wrote all synchronous / asynchronous unit tests leveraging Karma/Jasmine.
- Created microservices using AWS lambda functions.
- Technologies used: Angular 7, RxJS, Node.js, AWS (Lambda, DynamoDB)

Senior Angular Developer, TD Bank

Oct 2018 - Mar 2019

- Integrated existing risk management application with third party risk rating agencies.
- Improved risk management application with latest web technologies.
- Technologies used: Angular 5, C#, TypeScript

Senior Angular Developer, CPP Investment Board

Feb 2018 - Sep 2018

- Design, develop and maintain a new product for Total Portfolio Management application.
- Design and develop restful API endpoints using Python.
- Technologies used: AngularJS v1.7, TypeScript, ES6, Bootstrap, Python, SQL Server

Senior Angular Developer, Capco

Jun 2017 - Dec 2017

- Designed and developed PC financial credit card website
- Created restful mock backend API services.
- Technologies used: Angular 4, TypeScript, ES6, RxJS, Google Material Design, Flexbox, Node.js

Senior Software Developer, Bankrate

Jul 2012 - Feb 2017

- Migrated mortgage rate service from WCF to Web API.
- Created prove of concept page using Vue.js and Angular2.
- Generated web page performance report using Google Page Speed service, reduced HTTP Requests and improved page load time by half.
- Technologies used: ASP.NET Web API 2.0, C#, LINQ, SQL Server, Knockout JS

Senior Software Developer, DealerTrack Canada

Jan 2007 - Jun 2012

- Developed dealership finance and insurance software for the auto industry.
- Technologies used: ASP.NET, MVC 3.0, jQuery, JavaScript, C#, LINQ, PL SQL, Oracle 11g

Senior Software Developer, TD Bank

May 2004 - Oct 2006

- Designed and implemented a Basel II risk management application. It helped senior lending manager to monitor and assess credit risk of large corporate loans.
- Designed and developed an XMLHttpRequest Engine to improve credit application status page navigation speed by an average of five times with one fifth the bandwidth overhead.
- Designed and developed GUI for applications and modules.
- Technologies used: ASP.NET, JavaScript, Microsoft InfoPath, SharePoint, C#, SQL Server

EDUCATION

1988 - 1992 Bachelor of Computer Science at **University of Inner Mongolia - China**

CERTIFICATIONS

2019 AWS Certified Solutions Architect - Associate

2004 Microsoft Certified Solutions Developer (MCSD.NET)