

Nik Steel

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LaSalle, Ontario

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Objective: To improve enterprise profitability through tech consolidation, strategic innovation, and effective software architecture

- Qualities:**
- Courteous and articulate
 - Eager to learn, improve, and innovate
 - High initiative, work ethic, and positivity

Work Experience:

2021 to Present

Urban Science

Software Engineering Lead

Detroit, MI

- Shaped product UI/UX and technology architecture for automotive business intelligence and reporting platforms
- Lead transformation of mobile app products and experiences
- Guided and mentored team members in building high quality software
- Balanced competing priorities with limited resources
- Operated and scaled high-availability, real-time systems in DevOps team
- Implemented security scanning, manual pen test, and other compliance activities

2015 to 2021

Urban Science

Senior Software Engineer

Detroit, MI

- Lead software architecture and design decision-making
- Participated in corporate governance boards to select automation tooling
- Collaborated with client-teams on requirements gathering and testing
- Designed UI/UX prototypes and new product features
- Mentored team members on engineering best practices
- Implemented high quality features in C#, .NET Core, SQL, and Angular
- Facilitated 3 MSU capstone student projects

Skills:

SCRUM

Two years of experience facilitating scrum ceremonies, unblocking blockers, and mentoring product owners on scrum methodology and practices.

Microservice Architecture

Fluent in modern service oriented, microservice architectures, such as CQRS, event sourcing, and related patterns.

Mobile App Development

Fluent in the Ionic and Cordova frameworks for mobile app development. Knowledgeable in Apple App store and Google Play publishing processes and best practices.

DevOps	Instrumental in automating application deployments using Azure DevOps release pipelines and automation tooling, such as PowerShell and C#, to Windows Server on premises or in the cloud. Actively use monitoring tools such as SquaredUp and Applications Insights to diagnose and resolve issues at scale.
OLAP/OLTP	Experienced with high-availability, real-time online transactional processing systems (OLTP) and ETL processing into a data warehouse for reporting (OLAP)
SQL	Fluent in designing, querying, and maintaining a Microsoft SQL server database, including performance optimization, schema upgrades, and well-planned system migrations on premises or in the cloud.
Angular	Fluent in front-end single page application (SPA) development in Angular and Typescript, leveraging frameworks such as RxJS, Angular Material, TailwindsCSS and ChartJS.

Volunteerism:

2018 to present Meta Makers Cooperative	Founder & Director Windsor, Ontario <ul style="list-style-type: none"> ▪ Founded Windsor's first non-profit cooperative makerspace ▪ Guided the organization through COVID-19 economic challenges ▪ Instructed community classes in STEM and engineering topics
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Education:

2013 to 2015	University of Windsor School of Computer Science Bachelor of Computer Science (General) with Great Distinction
2009 to 2013	University of Windsor School of Music Honours Bachelor of Music with Distinction

Professional Development:

AWS Certification Ongoing	Training and working towards AWS solutions architect certification.
USAI Management Fundamentals 2021	Completed management fundamentals workshop, including an overview of the neuroscience of management and best practices for offering feedback, setting goals, and coaching.