

SAHIL SONI

Windsor, ON

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Summary

- Experienced Full-Stack Web Application Engineer with 1 year of experience in industry and academic projects. Acquired proficiency in Angular and React by working on web application development.
- Demonstrated keen interest in computing concepts and problem-solving, as evidenced by a 94% course grade in Advanced Computing Concepts. Possesses hands-on experience in C++ programming language by solving coding problems on Leetcode platform.

Technical Skills

- Programming Languages: C++, TypeScript, Objective C, JavaScript, SQL.
- Frameworks: Angular, React, Loopback4.
- Databases: PostgreSQL, MongoDB, MySQL.
- Others: Data Structure, Algorithms, OOPS, HTML, SCSS, Agile (Scrum), Git, Jira, Figma, AWS, Postman.

Education

Master of Applied Computing	Sep 2022 - Present
University of Windsor, Windsor, ON	
Bachelor of Computer Engineering	Jul 2017 - Jun 2021
Thapar Institute of Engineering and Technology, Patiala, India	CGPA: 8.28/10

Professional Experience

Junior Engineer - Web Apps	Jul 2021 - Aug 2022
SourceFuse Technologies India Private Limited, India	
<ul style="list-style-type: none">• Developed a web-based project management system using Angular and LoopBack4, incorporating design patterns such as the Singleton, Factory, and Observer patterns to improve code maintainability and extensibility.• Optimized database queries in PostgreSQL, resulting in a 10% improvement in query performance through indexing.• Conducted code reviews and provided feedback to improve code quality and maintainability.	
Trainee - Web Apps	Jan 2021 - Jun 2021
SourceFuse Technologies India Private Limited, India	
<ul style="list-style-type: none">• Completed training in Angular and Loopback4, gained knowledge of best practices, and applied learning to contribute to live projects.• Demonstrated a rigorous attention to detail and a relentless drive to deliver top-quality code, meeting all deadlines and milestones as scheduled.• Engaged in agile practices, such as daily stand-ups, strategic sprint planning, and insightful retrospectives.	

Projects

ZeroWaste - Smart Garbage System	Oct 2022 - Dec 2022
https://github.com/iamsahilsoni/zero-waste	
<ul style="list-style-type: none">• Effectively collaborated as a front-end developer among a team of 4 to efficiently deliver project within designated timelines.• Integrated ngx-charts into application to create graphical data visualizations.• Strengthened security of application using auth guards and added a Sign-up page to enhance user experience.	

Publication

"Co-Author", Deep learning based image classification	May 2020
SCIE journal publication	
https://doi.org/10.1007/s11042-020-08905-7	
<ul style="list-style-type: none">• Conducted a comprehensive analysis of existing literature in a related field to contribute to the Literature Survey section. Independently analyzed the results and performance metrics generated by the model.	