

SAHIL SONI

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Technical Skills

- **Programming Languages:** C++, C#, TypeScript, Objective C, JavaScript, SQL
- **Frameworks:** Angular, React, Loopback4, ASP .NET
- **Databases:** PostgreSQL, MongoDB, MySQL
- **Developer Tools:** Postman, VS Code, JIRA, Figma, Git, GitHub
- **Others:** Data Structure, Algorithms, OOPS, HTML, SCSS, Agile (Scrum), AWS

Education

Master of Applied Computing

September 2022 - Present

University of Windsor, Windsor, ON

- Available for a 4-8 month internship starting September 2023
- CGPA: 85.83/100

July 2017 - June 2021

Bachelor of Computer Engineering

Thapar Institute of Engineering and Technology, Patiala, India

- CGPA: 8.28/10

Professional Experience

Junior Software Engineer

July 2021 - August 2022

SourceFuse Technologies India Private Limited, India

- Built a project management system using Angular, implementing design patterns to enhance code maintainability and extensibility. Resulted in increased user satisfaction and decreased bug reports.
- Optimized PostgreSQL database queries, resulting in a 10% improvement in query performance and reduced database latency.
- Conducted code reviews and provided feedback to improve code quality and maintainability, resulting in a 25% reduction in code issues and increased team proficiency.
- Utilized agile development methodologies to manage and prioritize project tasks, resulting in increased project completion rates and reduced missed deadlines.

January 2021 - June 2021

Web-Apps Development Intern

SourceFuse Technologies India Private Limited, India

- Successfully completed training in Angular and Loopback4 and applied best practices to contribute to live projects.
- Demonstrated a meticulous attention to detail and an unwavering commitment to delivering top-quality code, consistently meeting all deadlines and milestones as scheduled.
- Engaged in agile practices, such as daily stand-ups, strategic sprint planning, and insightful retrospectives, contributing to improved team collaboration and project efficiency.
- Participated in code reviews and collaborated with senior developers to identify and resolve coding issues, resulting in a 20% reduction in code defects and improved code quality.

Projects

BuildYourPortfolio - Developer's Portfolio | [GitHub](#) | [Visit](#)

April 2023 - May 2023

Technologies: **React, HTML, CSS, JavaScript.**

- Developed a modern, responsive web application using React hooks, functional components, and class components.
- Implemented advanced features such as routing, lazy loading, and higher order components to optimize application performance and improve user experience.
- Designed and developed a portfolio builder form that enables users to create a custom JSON file for their portfolio, which can be forked on GitHub to deploy a personalized portfolio website.
- Created a clean and user-friendly design, integrated useful features, and received positive feedback from users and featured on popular tech blogs, making the portfolio project an effective tool for developers to showcase their work and establish a professional online presence.

March 2023 - April 2023

Twitter Analytics - Tweets Analytics Portal | [GitHub](#) | [Visit](#)

Technologies: **React, Python, Django, MongoDB.**

- Created a dashboard using React functional components and effectively managed state using React hooks.
- Worked collaboratively with a team of three as a front-end developer to successfully meet project timelines.
- Integrated multiple features into a single consolidated dashboard, including engagement metrics, sentiment analysis, topic categorization, and identification of top-performing content.
- Displayed data analysis based on specific hashtags and user profiles, making it easier for clients to analyze social media metrics and improve their social media strategy.

October 2022 - December 2022

ZeroWaste - Smart Garbage System | [GitHub](#) | [Visit](#)

Technologies: **Angular, HTML, CSS, NodeJS, MongoDB.**

- Made significant contributions to an Angular-powered dashboard, including login and signup pages with real-time validation, showcasing expertise in development best practices and user experience design.
- Collaborated effectively with a team of four as a front-end developer to efficiently meet project timelines, demonstrating strong communication and teamwork skills.
- Integrated ngx-charts into the application to create graphical data visualizations, improving the user experience and making it easier for clients to analyze their data.
- Improved application security using auth guards, ensuring that sensitive data is protected and meeting industry standards for security.

Publication

"Co-Author", Deep learning based image classification | [Visit](#)

May 2020

SCIE journal publication

- 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.