

# Abhilasha Sinha

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## EDUCATION

### Master of Management (MMGT)

Sept 2022 – Sept 2023

Schulich School of Business, York University, Toronto, ON

GPA: 3.3/4.0

Relevant Coursework: Project Management, Business Communication and Team Dynamics, Strategic Thinking, Managerial Design Thinking

### Bachelor of Technology (Software Engineering)

Jul 2016 – Jun 2020

SRM Institute of Science and technology, Chennai, IND

GPA: 3.6/4.0

Relevant Coursework: Software Project Management, Agile Software Process, Java Programming, Database Management System, Data Structures and Algorithms

## PROFESSIONAL EXPERIENCE

### ASSOCIATE SOFTWARE ENGINEER, Hexaware Technologies.

Sept 2020 – Feb 2022

- Enhanced application performance by applying object-oriented programming and Java, achieving a 35% acceleration in efficiency.
- Optimized backend processes through the implementation of REST APIs within a distributed system architecture using Spring Boot and Angular, leading to a 30% reduction in operational time with a Test-Driven Development methodology.
- Improved user experience by conducting load testing with Apache JMeter on 20+ APIs, reducing error rates to 3-5% and achieving a median response time of 300ms to 800ms.
- Developed a microservice application using the Spring framework and Angular that enabled over 1000 employees to track and record their COVID and vaccination status efficiently.
- Facilitated version control and deployments using Azure DevOps, leading to a more streamlined and efficient processes.
- Applied agile methodologies to lead project sprints, resulting in a 15% faster time-to-market for new software features.
- Collaborated with cross-functional teams to develop, test, and maintain software development, meeting project specifications with a 98% satisfaction rate.

## SKILLS

Core Java • C/C++ • HTML • JavaScript • Angular • CSS • Python • PostgreSQL • MY SQL • Agile Methodologies • RESTful API • Spring framework • Documentation • Unit Testing • JDBC • JSON • Git • Unit Testing • Azure DevOps • CI/CD

## PROJECTS

### Presto – Application for Project Budgeting

- Addressed the need for a more efficient project budgeting system within Hexaware Technologies. Developed a full-stack web application employing microservice architecture. Significantly elevated client satisfaction by achieving a remarkable 60% improvement in overall project efficiency and management.

### Personal Portfolio

- Developed a comprehensive online portfolio showcasing software development projects, technical skills.
- Implemented responsive web design using HTML, CSS, JavaScript, and popular frameworks such as Bootstrap for optimal viewing across devices. [Website Link](#)

## ADDITIONAL INTERESTS

- Backend developer Volunteer – Activist Mirror (Feb 2024- Present)
- Certified Scrum Master from Scrum Alliance (May 2023)
- Azure Fundamentals -AZ 900 (Jan 2021)
- Youth Volunteer – Animal Welfare and social impact initiatives(2018-2019)