

# Ishank Vasania

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## EDUCATION

[UNIVERSITY OF WASHINGTON, SEATTLE, WA](#) (Current student)

Master of Science in **Data Science (MSDS)**

Sept 2022 - March 2024

Courses: Data Management for Data Science, Software Design For Data Science.

**GPA: 3.79**

[SRM INSTITUTE OF SCIENCE AND TECHNOLOGIES, KTR, INDIA](#)

Bachelor of Engineering (Technology) in **Computer Science and Engineering**

July 2015 - July 2019

Courses: Advance Java, Data Structure and Algorithm, Web Programming, C++, Database Management System.

**GPA: 3.63**

## EXPERIENCE

[GLOBAL INNOVATION EXCHANGE \(GIX\) - UNIVERSITY OF WASHINGTON -](#)

**Reader/Grader – Course Assistant (Part Time)**

Jan 2023 - June 2023

Courses: Programming For Digital And Physical User Interfaces, Special Topics in Emerging Technologies

- Grade student assignments and projects, conduct office hours, and doubt-clearing sessions.
- Utilize skills in Unity (C#), Python, Microservices, Hosting, AR/VR/MR, Full stack Development.

[DELL TECHNOLOGIES](#)

**Software Engineer 2, Commerce platform**

July 2019 - Sept. 2022

- Developed an application for automating test case creation through acceptance criteria. Architected and coded databases-MySQL, API flows and contracts in .Net C#. Made a Gherkin compiler for error-free feature files.
- Designed and developed a GitLab Maturity Assessment Tool using .NET Core, involving creating API contracts, designing databases, defining API flows, and coding microservices, helping leadership get an overview of Gitlab adoption maturity.
- Made a Gherkin compiler for error-free feature files and optimized the algorithm for processing 1000 scenarios simultaneously.
- Led a Tech CSR team to create a .NET Core microservice for the 'DBraille' project, which converted books in Indian regional languages into a braille-ready format using OCR and ML algorithms, reducing the time and cost by roughly 50%.
- Automated Azure DevOps plan creation by using Breadth First Traversal with parallel processing on each level, removing manual interpretation and reducing the time by 97%, using .Net core as the API framework.

[DELL TECHNOLOGIES](#)

**Software Engineering Intern and Campus Ambassador**

Jan. 2019 - May 2019

- Created a software solution using Python Flask and machine learning algorithms to investigate the root cause of defects not being detected during preliminary testing.
- Coordinated between college and Dell Team regarding various internship and job opportunities.

[ZOHOCORPORATION](#)

**Software Development Intern**

June 2018 - July 2018

- Created a server congestion control tool using historical data. Java and Servlets were used for implementation.

SHYANOSOFT PVT. LTD.

**Software Engineering Intern**

May 2017 - June 2017

- Developed an invoice system for a grocery system using JavaFX, Java, and Oracle DB.

[IIT INDORE](#)

**Research Intern**

Dec. 2016 – Jan. 2017

- Designed and implemented a high-level synthesis methodology for hardware design, Trojan security, Datapath design, and controller development in Xilings and Intel Quartus.

## SKILLS

Python, Java, .Net, C#, MySQL, MongoDB, Kubernetes, Docker, Gitlab, Ado Azure, Elastic search, NoSQL, DevOps, Data structure, OOP, Springboot, Restful API, R programming, Agile, Microservices, Tableau, CSS, Redis, Angular, React, Multithreading, Shell, Unix, API

## ACHIEVEMENT

- Earned a prestigious spot in the “Dell global Tech CSR - Hall of Fame”.
- Awarded the 'ITDP Rockstar' award, which is given to only a few ITDPs over a two-year period in Dell Technologies.
- Secured 2<sup>nd</sup> position in APJC Hackathon-HackBIZ, Impactathon, and 3<sup>rd</sup> in Helpathon at Dell.
- Finalist – ‘Code Gladiator 2018 and 2021’ by TechGig, Winner – Codersbit 2018. (pan India coding competitions)
- Achieved 319 international rank in the International Olympiad of Mathematics (iOM) 2014.