Ishank Vasania

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SUMMARY

Goal-oriented software engineer with a proven track record of delivering successful projects and excelling in creative problem-solving and collaboration. Committed to high-quality code and continuous process improvement. Seeking new opportunities to apply expertise in the software development industry.

EDUCATION

UNIVERSITY OF WASHINGTON, SEATTLE, WA *(Current student)*

Master of Science in **Data Science (MSDS)** Sept 2022 - March 2024

Courses: Data Visualization For Data Scientists, Software Design For Data Science. **GPA**: 3.88

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

UNIVERSITY OF WASHINGTON - GIX (Global Innovation Exchange)

Reader/Grader, TECHIN 510: Programming For Digital And Physical User Interfaces Jan 2023 - Present

- Grade student assignments and projects, conduct office hours, and doubt-clearing sessions.
- Utilize skills in frontend development, machine learning, Python, and microservices.

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, API contracts, and APIs 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.
- Made a Gherkin compiler for error-free feature files and optimized algorithm for processing about 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 while tracking files in progress, completed, and queued.
- 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.

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.

ZOHO CORPORATION

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

ACHEIVEMENT

- 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 2nd position in APJC Hackathon-HackBIZ, Impactathon, and 3rd 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.