

# TANMAY VERMA

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## HIGHLIGHTS

- Almost 3 years of professional experience in the Retail Domain and Integration Projects for CPG and Beverage companies like Heineken International, Nestle, and Mars
- Experienced in interacting with international clients in an AGILE environment
- Proficient in developing integration projects and enhancing ERP tools for Supply Chain
- Knowledgeable in Retail Execution, Product and Process Implementation
- Strong understanding of software development principles, including data integration and API design

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## TECHNICAL SKILLS

- Programming & Scripting Languages: Java | HTML5 | CSS3 | DART | Shell (Bash) | JavaScript | Typescript
- Databases: PostgreSQL | MongoDB | MS-SQL Server | MySQL
- Frameworks: Java API | REST API | SPRING | ANGULAR | FLUTTER | BOOTSTRAP
- Operating Systems & Cloud Platforms: Mac OS | Windows | Linux | Microsoft Azure
- Tools: Postman | JIRA | Confluence | Service Now | MS Office 365 | Google Suite | Adobe Creative Cloud

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## EDUCATION

**Master of Applied Computing** Sep 2022 - Present  
University of Windsor, Windsor, ON

- Current GPA: 82 / 100

**Bachelor of Technology, Major in Information Technology** Jun 2015 - May 2019  
SRM Institute of Science and Technology, Tamil Nadu, India

- Graduated with 1st class merit and 76.29% overall

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## PROFESSIONAL EXPERIENCE

**Senior Systems Engineer**, Infosys Ltd., Bangalore, India Oct 2021 - Jun 2022

- Acted as Integration Specialist for B2B projects with esteemed clients such as Heineken International, garnering recognition for achieving 4 times deliverables in a quarter as compared to any other projects in the organization
- Developed, Tested, & Analyzed over 30 integrations using AGILE methodologies, Spring Framework, Java APIs, RESTful web services, and PostgreSQL stored procedures for asynchronous/synchronous exchange of data between different systems
- Partnered with cross-functional teams globally to integrate ERP systems such as SAP and delivery order tracking applications with an in-house product called Distributor Management System (DMS) for various utilities
- Played a pivotal role in the design and development of a cutting-edge GPS mapping system for Heineken's Digital Order Tracking (DOT) Application, revolutionizing Heineken's delivery operations and reducing delivery time by 50%
- Received recognition by being nominated for two consecutive quarters for Global Excellence Awards, while earning a trophy for exhibiting business excellence, remarkable work ethic, innovative thinking & exceptional problem solving

**Systems Engineer**, Infosys Ltd., Bangalore, India Aug 2019 - Sep 2021

- Created automation components in Linux by utilizing Shell Scripts and leveraged expertise in PostgreSQL to construct queries to cater to custom requirements
- Established various Java based integrations for data standardization and alignment with client systems
- Redesigned legacy components to accommodate custom data consumption mechanisms through exposed APIs and custom queries, logic to convert CSV data into JSON for system intake
- Engaged in support activities for ongoing projects by promptly resolving client-reported tickets and efficiently analyzing underlying issues by building monitoring scripts on a Linux web server

**Intern, Infosys Ltd., Mysore, India**

Jan 2019 - May 2019

- Procured training on Object Oriented Programming Concepts, J2EE, Python, and SQL queries as part of foundational learning
- Designed and built an Event Management website by applying Spring, Hibernate, and SQL for backend
- Employed Angular JS, CSS, and HTML for developing frontend to facilitate party planning via pre-arranged packages or personalized selections of requirements, such as food and themes

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## PROJECTS

**Unlocking the Potential of Face Recognition in OpenCV, University of Windsor,**  
Windsor, Ontario

Jan 2023 - Apr 2023

- Rewarded as the Best Innovative Research Award at the 8th CS Demo Day conducted by the School of Computer Science UWindsor
- Evaluated various face recognition algorithms from conventional models like Eigenfaces, Fisherfaces, & LBPH to deep learning models like MTCNN & VGG16 using the OpenCV library of Python to propose the optimal algorithm for various use cases
- Compared the performance of each algorithm under diverse conditions and analyzed precision in identifying facial landmarks by utilizing machine learning models like Haar Cascades and deep learning libraries like TensorFlow and Keras

**Real Estate Web Search Engine, University of Windsor, Windsor, Ontario**

Sep 2022 - Dec 2022

- Developed a Real Estate Web Search Engine by deploying Java libraries and HTML, providing listings of properties based on location, number of bedrooms, and price
- Utilized Hash maps, Arraylist, JSoup library, Edit Distance algorithm, and Stream API of Java to extract data, implement spell check, and sort results
- Source Code on Github Repository - [https://github.com/verma46/Real\\_Estate\\_Web\\_Search\\_Engine.git](https://github.com/verma46/Real_Estate_Web_Search_Engine.git)

**Smart Device Management (SDM), University of Windsor, Windsor, Ontario**

Sep 2022 - Dec 2022

- Devised "Smart Device Management" mobile app to monitor registered smart devices with real-time usage statistics, malfunction alerts, and control features by leveraging technologies such as Flutter, MySQL, Fast API & Python
- Exercised tools such as FIGMA for UX design and project management tools such as JIRA and Confluence for efficient issue tracking for the product
- Source Code for Frontend code on Github Repository - [https://github.com/sdmuwindsor/smart\\_device\\_management\\_frontend.git](https://github.com/sdmuwindsor/smart_device_management_frontend.git)

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## CERTIFICATIONS

**NextGen CTO Program, EpiCentre & University of Windsor**

Mar 2023

- Acquired valuable technical, business, and leadership skills through Nextgen CTO Program, emphasizing IP strategy for future CTOs and tech leaders' effective protection and development

**Software Design From Requirements to Release, LinkedIn Learning**

Dec 2022

- Gained skills in designing software efficiently from listing requirements till release of software in market

**UX Foundations Interaction Design, LinkedIn Learning**

Dec 2022

- Attained knowledge of building aesthetic and interactive User Experience through design techniques