

TANMAY VERMA

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Technical Skills

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

Education

Master of Applied Computing

Sep 2022 - Apr 2024

University of Windsor • Windsor, ON

- GPA: 83.56 / 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

Professional Experience

Software Developer Intern

Sep 2023 - Apr 2024

SOTI Inc. • Mississauga, Ontario

- Developed and standardized the codebase for various modules and widgets for "SNAP" rapid app development platform leveraging Angular, TypeScript, HTML, and CSS, enhancing product maintainability and performance
- Designed and implemented innovative features for mobile app development, leveraging Angular libraries like ngx-image-cropper and ngx-drag-drop, enhanced user experience and increased project delivery efficiency by 25%
- Led B2C application projects for prestigious clients, including Mercedes Benz, employing SNAP to digitize manual processes into modern workflow solutions, boosting client satisfaction and operational efficiency by 40%
- Utilized FIGMA and Google's blocky script editor for visual programming & customization, achieving a modular and modern UX/UI improved client experiences, contributing to a 30% increase in user engagement and rise in business partnerships
- Pioneered a Google Sheets API integration process, built using JavaScript and Google App Scripts platform, improving data accessibility for small businesses, & achieving an 80% faster development of data access controllers
- Implemented Microsoft Power Automate for Excel-to-JSON conversions, streamlining data processes and offering alternative enterprise data solutions
- Earned leadership praise for innovation and product improvement, boosting client acquisition and team excellence

Senior Systems Engineer

Aug 2019 - Jun 2022

Infosys Ltd. • Bangalore, India

- 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 in individual and team categories, while earning a trophy for demonstrating business excellence, remarkable work ethic, & innovative thinking

Systems Engineer Intern

Jan 2019 - May 2019

Infosys Ltd. • Mysore, India

- 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

Projects

Unlocking the Potential of Face Recognition in OpenCV

Jan 2023 - Apr 2023

University of Windsor • Windsor, Ontario

- Published in the 5th International Conference on Big Data in Management (ICBDM), held in Bangkok, Thailand, and recognized as one of the Top 5 research and implementation projects in the ICBDM Conference from North America
- Rewarded as the Best Innovative Research Award at the 8th CS Demo Day conducted by the School of Computer Science at University of Windsor
- Evaluated and compared face recognition algorithms from Eigenfaces to deep learning models like MTCNN and VGG16 using Python's OpenCV, proposing optimal solutions across various use cases, and analyzing facial landmark precision with tools like TensorFlow and Keras

Sep 2022 - Dec 2022

Real Estate Web Search Engine

University of Windsor • Windsor, Ontario

- 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

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

UX Foundations Interaction Design • LinkedIn Learning

Dec 2022

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