

# DARSHAN DOMADIYA

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## PROFILE SUMMARY

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- AWS Certified Software Developer experienced in creating designs, developing, coding, performing code reviews, and testing applications utilizing Software Development Life Cycle (SDLC) best practices.
- Master of Applied Computing student, skilled in developing applications in UNIX/Linux environments, proficient in Java, C/C++, Python, and JavaScript, and capable of thriving in fast-paced environments.

## SKILLS

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- **Programming Languages:** C#, C/C++, Python, Java, TypeScript, JavaScript, Shell Scripting
- **Frameworks:** React, Angular JS, Next.js, Spring boot, Django, NodeJS, Express, Redux, Hadoop, Zustand, Bootstrap, Tailwind CSS, Material UI
- **Concepts:** REST APIs, Agile Methodology, Object Oriented Programming (OOP), UNIX/Linux, Software Testing, Cloud Computing, Automation, AI/ML
- **Tools & Technologies:** Git, GitHub, JIRA, Selenium, Power BI, Tableau, AWS, Postman, Azure Cloud, TensorFlow, MS Excel, MS Outlook, MS Powerpoint
- **Database:** SQL, MongoDB, Microsoft SQL Server, Firebase

## EDUCATION

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**Master of Applied Computing** Jan 2025 – Present  
University of Windsor | Windsor, ON | GPA: 84/100

**Bachelor in Information Technology** Jun 2020 – May 2024  
Gujarat Technological University | Ahmedabad, India | GPA: 8.78/10

## EXPERIENCE

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**Software Developer Intern** Jan 2024 – Jun 2024  
Concetto Labs Pvt. Ltd. | Ahmedabad, India

*Tech:* ReactJs, VueJS, PHP, Next Js, MySQL, Node Js, Redux, REST APIs, MongoDB, Postman

- Developed front-end components using React.js, TypeScript, and Redux, applying OOP concepts and SOLID principles to deliver responsive and optimized applications.
- Integrated and tested RESTful APIs with SQL-backed data flows, ensuring seamless client-server communication and reliable database interactions.
- Collaborated in Agile environments using Git and Jira, contributing to source code management, automation, testing, and continuous integration workflows.
- Delivered high-quality, maintainable code with strong debugging and problem-solving skills, supporting cross-functional teams and exploring emerging technologies.

## PROJECTS

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• **Distributed File System** ([GitHub](#)) Jul 2025 – Aug 2025  
*Tech Stack:* C, Socket Programming, UNIX/Linux, Linux Development, System Calls, TCP/IP

- Developed a distributed file system with four servers (S1-S4), where clients interact only with S1 while files are routed to the appropriate server based on type (.c, .pdf, .txt, .zip).
- Implemented commands for uploading, downloading, deleting, listing, and downloading tar archives of files, with seamless background transfers across servers.
- Used forked child processes to handle multiple client connections concurrently and implemented robust error handling and directory management.
- Optimized server performance by implementing efficient file I/O operations and minimizing inter-process communication overhead in the Linux environment.

- PredictSquad**

May 2025 – Jun 2025

*Tech Stack:* Python, Snowflake, Web Scrapping, MySQL, Kaggle API
 
  - Developed a sports prediction system leveraging Python, Pandas, and machine learning techniques to forecast match outcomes and player performance using historical game data and real-time statistics.
  - Analyzed player performance, team composition, and match conditions using statistical models and feature engineering to generate highly accurate predictions.
  - Designed interactive dashboards with Plotly and Dash for visualizing predictions, trends, and performance metrics, enabling users to make data-driven decisions for fantasy leagues or betting scenarios.
  - Implemented data pipelines and automated data preprocessing scripts to efficiently handle large datasets and ensure real-time analytics capabilities.
- LaptopLens**

Mar 2025 – Apr 2025

*Tech Stack:* Java, HTML, CSS, React, Selenium, SQL
 
  - Built Selenium scripts to scrape and clean real-time laptop data from laptop websites.
  - Built RESTful APIs in Java to deliver laptop data, implementing advanced filtering, ranking algorithms, and integration.
  - Applied object-oriented design principles in Java to structure modular, reusable, and maintainable code for API and data handling components.
  - Designed a web interface to collect preferences and display ranked recommendations.
- AvenueRealtor** ([GitHub](#))
 

Nov 2024 – Dec 2024

*Tech Stack:* JavaScript, HTML, CSS, React, Node, Redux, Postman, REST APIs
 
  - Built a full-stack real estate website with listing creation, update, and delete functionality, along with property search.
  - Integrated responsive web design and enhanced UI accessibility across all device screen sizes.
  - Developed and tested features iteratively following agile principles, ensuring high-quality and bug-free software delivery.
  - Successfully deployed the application on Render for live production use.

## CERTIFICATIONS

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| • <b>Hands-On Data Science using SQL, Tableau, Python, and Spark</b> – LinkedIn Learning    | Aug 2025 |
| • <b>Introduction to GenAI</b> – LinkedIn Learning  | Aug 2025 |
| • <b>Getting Started with Microsoft Azure by Microsoft Press</b> – LinkedIn Learning        | Jul 2025 |
| • <b>UNIX Essential Training</b> – LinkedIn Learning  | May 2025 |
| • <b>AWS Cloud Practitioner Essentials</b> – Amazon Web Services ( <a href="#">Verify</a> ) | Mar 2025 |
| • <b>Selenium Essential Training</b> – LinkedIn Learning                                    | Jan 2025 |
| • <b>The Complete Web Development Bootcamp</b> – Udemy                                      | May 2023 |

## VOLUNTEER EXPERIENCE

- Celebration of Nations** ([Certificate](#))
 

Mar 2025

*University of Windsor | Windsor, ON*
  - Volunteered at Celebration of Nations, a large-scale multicultural event featuring performances and traditions from over 40+ countries.
  - Supported event coordination and promoted cultural diversity and community engagement.