

KEDAR PANDYA

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Education

University of Windsor

January 2024 - Present

Master of Applied Computing

Windsor, Ontario, Canada

- Available for 4-8 months internship starting January 2025: Degree Completion directly after internship.

Ganpat University

June 2019 - June 2023

Bachelor of Technology in Information and Communication Technology, CGPA: 9.30

Mehsana, Gujarat, India

- Relevant Coursework: Computer Networks, Embedded Systems, Operating Systems, Object Oriented Programming

Technical Skills

Programming Languages: C++, Python, C, JavaScript, SQL

Cloud Technologies: AWS, Azure

Tools: JIRA, Salesforce

Technologies/Frameworks: GitHub, Django, tailwind CSS

Data Visualization Tools: Tableau, Power BI

OS: UNIX(MAC, Linux), Windows

Other: Assembly Language (Basic)

Soft Skills

Problem-Solving, Team Collaboration, Communication, Initiative, Adaptability, Leadership, Analytical Thinking, Time Management, Strategic Planning, Performance Improvement, Strategy Formulation, Training

Internship/Work-Experience

Trend Micro India

January 2023 - October 2023

DEVOPS PLATFORM ENGINEER

Trend Micro

- Led implementation and support for Trend Micro's Endpoint Security and Network Defence products including Apex One and Apex Central, which were tools for threat analysis and security.
- Achieved Level-3 Certification in Apex One, demonstrating highest proficiency.
- Collaborated with clients to troubleshoot and optimize security solutions, ensuring high customer satisfaction.

Projects

SQL Server to Snowflake Migration | Kafka, Amazon S3

April 2024 - July 2024

- Developed and implemented a proof-of-concept tool for automating the migration of SQL Server databases to Snowflake using Apache Kafka and Amazon S3, ensuring efficient data streaming, scalable storage, and robust data integrity across large datasets.
- Leveraged Apache Kafka to stream data from SQL Server in real-time, with intermediate storage in AWS S3, achieving minimal downtime and maintaining relational data integrity during the migration process.
- Created custom scripts for advanced data transformation and validation, enhancing query performance and scalability in Snowflake, while ensuring continuous data consistency and accuracy throughout the migration lifecycle.

Marine-Bot Analyst | Python, Flask, MATLAB, IoT, JavaScript

January 2024 - April 2024

- Developed an integrated solution for real-time underwater object analysis using autonomous rovers, boosting data collection efficiency by 50%.
- Created a web dashboard for data visualization and control using Flask.
- Implemented ML models and IoT for real-time sensor data analysis, increasing analysis accuracy by 75%.
- Utilized MATLAB for creating autonomous navigation controllers.
- Initiated enhancements to system based on testing and user feedback, ensuring continuous improvement.
- Collaborated on mobile app development for sensor data access.

Data Analysis and Visualization | Tableau

September 2023 - October 2023

- Constructed comprehensive and dynamic dashboards that provided in-depth sales insights, including metrics such as total revenue, sales quantity, and product performance, facilitating informed and data-driven decisions by stakeholders.
- Utilized Tableau's advanced analytics capabilities to examine sales data across various dimensions like product categories, regions, and time periods, resulting in strategic recommendations and optimized sales strategies.
- Implemented customized query logic to drive advanced calculations and visualizations within Tableau, enabling deeper insights into sales data.

E-commerce web application | Python, Django, HTML, Bootstraps, Sqlite3

June 2022 - August 2022

- Developed a dynamic e-commerce platform with a comprehensive admin panel for product management.
- Implemented user authentication, order tracking, and a robust database, improving transaction efficiency by 30%.
- Enhanced performance by adjusting database queries, reducing page load times by 20%.

Leadership / Extracurricular

Student Placement Team

September 2021 - December 2023

CO-ORDINATOR

Ganpat University

- Organized and coordinated campus recruitment drives, facilitating over 70 company visits and ensuring placements for more than 250 students.

Hackathon

September 2022 - September 2022

TEAM LEADER

Ganpat University

- Led team in the Azadi ka Amrit Mahotsav hackathon, developing a Student Lifecycle management system web application.
- Coordinated project tasks, ensuring given project was completed within 48 hours and met all hackathon requirements.