**Fatima Nisha**

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<https://www.linkedin.com/in/fatimanisha/>

Aspiring Software Developer with proficiency in front-end technologies, programming, and database management. Enthusiastic about solving challenging problems and committed to continuous learning in the field of software development

**EDUCATION**

**Full Stack Software Development - Lambton College, Toronto, Ontario, Canada** **Sept 2022 - Apr 2024**

**Relevant Coursework:** Programming on the Web, Web Development and Design, Algorithm Analysis, Database Programming and Development, Project Management, DevOps Tools and Practices, Cloud Computing

**Skills:** Django, GitHub & GitHub Actions, Jenkins, Kubernetes, React, ASP.Net, MongoDB

**Bachelors in Computer Science & Engineering – JNTUH, Hyderabad, Telangana, India Aug 2017 - Jul 2021**

**Relevant Coursework**: Object Oriented Programming with C#, Java and Python, Web Technologies, Database Management Systems, Computer Networking, Information Security, Cloud Computing, Operating Systems, Software Testing

**Skills**: Data Structures, Linux, Windows, MySQL, Agile Methodology, Software Development Lifecycle (SDLC)

**EXPERIENCE**

**Automation Analyst Co-op** – **Royal Bank Of Canada, Toronto, Ontario, Canada Jan 2024 – April 2024**

* Automated manual financial processes with Python scripts, showcasing project leadership and commitment to process optimization
* Maintained Confluence pages and a Project Tracker, for communication and organized documentation throughout the project lifecycle
* Established connectivity between SharePoint, Python, Amazon S3, and Tableau using Dataiku engine to streamline data processing and visualization
* Collaborated with stakeholders and end-users to create a financial dashboard according to their requirements

**CERTIFICATIONS**

* Tableau Expert: Top Visualization Techniques in Tableau 10 - Udemy **Mar 2024**
* Scrum Fundamentals Certified - Scrum Study **Oct 2023**
* Crash Course on Python - Coursera **Feb 2022**
* Responsive Web Design - Coursera **Dec 2021**
* Programming Foundations with Html, CSS and JavaScript - Coursera **Nov 2021**

**SKILLS**

**Frontend**: HTML, CSS, JavaScript, Node.js **Backend**: SQL, Flask, Django, MongoDB

**Programming Languages**: Java, Python, C# **MS Office**: Word, Excel, PowerPoint

**Tools**: Cloud Platforms( Azure, AWS, GCP), Confluence, Jira

**PROJECTS**

* **Online Book Store Management** **Dec 2023**

Developed and implemented a robust Online Bookstore Management System using Node.js and MongoDB, seamlessly integrating CRUD operations for efficient book handling and user interaction

* **Driving Test Website using Django and Python** **Apr 2023**

Developed an interactive website using Django and Python featuring a comprehensive database schema, real-time scoring system, and integrated user authentication

* **Property Management System using Java Mar 2023**

Built a Java property management system with add, search, view, save, and delete functions, including exception handling and database integration

* **Data Poison Detection Schemes for Distributed Machine Learning Jun 2021**

Python program leveraging machine learning algorithms to detect and prevent data poisoning attacks, utilizing Pandas and NumPy libraries for data analysis and manipulation

* **Credit Card Fraud Detection Machine Learning Feb 2021**

Python program detects and compares fraudulent transactions with 95% accuracy, analysing patterns to identify potential fraud

**VOLUNTEER WORK**

**Food Distribution Volunteer** – **Hyderabad, Telangana, India Apr 2021- Jul 2021**

* Helped in distribution of food and water for the needy covering most hospitals and the homeless in the area of Banjara Hills