

Vidula Gunasekara

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OBJECTIVE

Enthusiastic Information Technology undergraduate with a strong passion for IT, data analytics, and AI/ML. Adept at utilizing technical and analytical expertise to deliver impactful project outcomes. Aspiring to excel in roles that combine business, data analytics, and AI/ML to harness data-driven strategies and technology for achieving business success

[Vidulashavinda12@gmail.com](mailto:vidulashavinda12@gmail.com)

[Vidula Gunasekara - LinkedIn](#)

PERSONAL PROJECTS

 - [VidulaGunasekara - GitHub](#)

Employee Retention (Python, Flask, Git)

- End to End AI and Machine Learning Models Design & Developments.

Fake News Detection Using Machine Learning (python, NLP, TF-IDF)

- Developed a machine learning model for fake news detection using NLP, TF-IDF vectorization, and multiple classifiers to improve accuracy

EPL match winner predictor (python, git)

- Data Analysis and Visualization using python libraries.

Supply Chain Management Data analysis (Power BI, Git)

- Data Analysis and Visualization using Power BI for Supply Chain Management Around the World.

ACADEMIC PROJECTS

 - [VidulaGunasekara - GitHub](#)

Online Gym Management System (MERN, Git)

- A key feature I developed is workout type management, which generates personalized workout and diet plans to enhance the user experience.

Online Banking System (JSP & Java, Git)

- Developed loan management system.

Online Shopping Management System (HTML, CSS & PHP, Git)

- Implementation of System with CRUD operations.

QUALIFICATIONS

- **BSc (Hons) In Information Technology Specializing in Information Technology** - (SLIIT) – (2022 - 2026)
- **Advanced Level - Physical Science Stream** – Isipathana Collage (2008 – 2021)

Skills

- Data analysis: Preprocessing, feature engineering, model training
- Programming: Python, SQL
- Machine learning: Random Forest, Naïve Bayes
- Data visualization: Power BI, Matplotlib, Seaborn, Tableau, Looker Studio
- Database management: Managing and securing databases
- Automation & Testing: Selenium for web application testing and browser automation
- Project management: Various methodologies and tools
- Technical writing: Technical report documentation
- Version control: Git
- Web development: Web application development

ACHIEVEMENTS

- **Python for Beginners** - University of Moratuwa
- **AI / ML Stage 1** - SLIIT
- **Power BI for Beginners** - Simplilearn
- **Python for Data Analysis** - Great Learning
- **Data Visualization in Tableau** – Great Learning

REFEREES

Could be provided upon request.