

# ASHEN NISAL

UNDERGRADUATE - BSC. HONS IN INFORMATION TECHNOLOGY  
SPECIALISED IN ARTIFICIAL INTELLIGENCE



## CONTACT

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## TECHNICAL SKILLS

- **Programming:** Java, Python
- **Frameworks:** Spring Boot
- **Database Systems:** MySQL
- **Web development:** HTML, CSS
- **Developer Tools:** Git, VS Code, IntelliJ IDEA

## HIGHLIGHTS

- **Sports:**  
- member of the Cricket Team at Sumangalodaya secondart School

## REFERENCE

### Mrs. Priyantha Dissanayaka

Commissioner Department of Motor traffic

#### Phone:

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#### Email :

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## ABOUT ME

An energetic and responsible individual with a strong ability to tackle challenges and achieve objectives. Loves problem-solving and continuous learning. An excellent team player with strong management skills, committed to delivering high-quality results and driving success.



## EDUCATION

### Sri Lanka Institute of Information Technology (SLIIT) 2024 - PRESENT

BSc Hons in Information Technology specialized in Artificial Intelligence

### St. Aloysius College, Galle 2009 - 2023

G.C.E. A/L 2023: 2S Passes and C pass (Physical Science Stream)  
G.C.E. O/L 2020: 6A Passes and 3B Passes



## PROJECTS

### Real State Agent Finder and Appointment System

FEBRUARY - JULY 2025

- **Contribution:** Developed a comprehensive platform to connect users with real estate agents, featuring advanced search filters based on location, expertise, and ratings. Implemented secure appointment scheduling with calendar integration, automated reminders via email/SMS, and a dashboard for agents to manage leads and client interactions.
- **Tech Stack:** Java, Spring Boot, HTML, CSS, JavaScript, Bootstrap, MySQL, JPA/Hibernate, Maven

### Web-based hotel Reservation System for Weddings

JULY - OCTOBER 2025

- **Contribution:** Designed and built an intuitive reservation system tailored for wedding events, allowing users to browse venues, check real-time availability, customize packages (e.g., hall size, catering), and complete bookings with payment processing. Integrated admin tools for hotel staff to handle inventory, confirmations, and reporting.
- **Tech Stack:** Java, Spring Boot, JSP/Thymeleaf, HTML, CSS, JavaScript, MySQL, JPA/Hibernate, Maven, IntelliJ

### Heart Attack Prediction System

JULY - OCTOBER 2025

- **Contribution:** Developed a machine learning pipeline to predict heart attack risk using demographic and medical features. Performed EDA, preprocessing, data balancing with SMOTE, feature engineering (PCA, scaling, encoding), and model building using Scikit-Learn. Generated visualizations, evaluation metrics, and optimized the model for accuracy.
- **Tech Stack:** Python, Scikit-Learn, Pandas, NumPy, Matplotlib, Seaborn, Imbalanced-Learn (SMOTE), Jupyter Notebook

### Arduino Project of home Automation

OCTOBER - JANUARY 2024