

# G.R.O.D. PIYARATHNA

Computer Science Student | AI & Web Developer

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## EDUCATION

### Diploma in Computer Science with Artificial Intelligence

National Institute of Business Management (NIBM-KIC)

📅 Expected Completion: 2026

- Specialization: Artificial Intelligence & Machine Learning
- Key Courses: AI Programming, Database Systems, Web Technologies

### Diploma in English

First Friend Campus (Kandy)

## TECHNICAL SKILLS

### 💻 Programming

C++, Java, JavaScript, Python, Prolog

### 🌐 Web Development

HTML, CSS, MySQL, Flask, REST APIs

### ⚙️ Tools & Technologies

Git, R Studio, SWI-Prolog, VS Code

## PROJECTS

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### ParkMate - Smart Parking System

Java    OOP    Swing GUI

- Desktop application for efficient parking lot management
- Automated fee calculation based on vehicle duration
- Real-time display of parked vehicles with GUI interface
- Input validation and error handling implementation

### Smart Study Planner - AI Web Application

Python    Flask    Prolog    MySQL    HTML/CSS/JS

- AI-powered study schedule generator using Prolog reasoning
- Personalized timetables based on subject difficulty and exam dates
- MySQL database integration for data persistence
- Responsive web interface for multi-device access

### Interactive Portfolio Website

HTML    CSS    JavaScript

- Fully responsive design with mobile-first approach
- Dark/light mode toggle with localStorage persistence
- Interactive project modals and animated skill bars

- Dynamic project addition form with validation