

ABHILASHA GUNAWARDHANA

Full-Stack Developer

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Kaduwela, SriLanka

ABOUT ME

Final-year Information Technology undergraduate at SLIIT with a strong interest in backend development. Experienced in building applications using Node.js, Express.js, and MongoDB, with knowledge of RESTful APIs and database design. Passionate about writing clean, efficient code and seeking a Backend Developer Intern role.

WORK EXPERIENCE

Business Analyst Intern | Dialog Axiata PLC | 6 months

Collaborated closely with cross-functional teams in an Agile environment to deliver data-driven solutions aligned with business needs and organizational objectives. Supported digital transformation initiatives within the IT division by gathering and analyzing business requirements, evaluating existing business processes, and documenting clear functional specifications.

ACADEMIC PROJECTS

• ERM System - Web Application

Developed and implemented a 'Trainee Management System' in a team ERM project. The module features CRUD operations and tracks trainee skill levels with points, displayed in graphs for performance evaluation.

Technical Skills: React, Node.js, Express.js, MongoDB, Chart.js

• Online Music Store - Web Application

Developed the 'Payment Page' and 'Music Shop' sections, enabling secure music purchases and downloads. Implemented CRUD functionalities for managing payment card details.

Technical Skills: Java, MVC Architecture, HTML, JavaScript, MySQL.

• Task Management App - Mobile Application

Designed developed a task management app, leveraging key Android components, including SQLite databases for data storage and retrieval.

Technical Skills: Kotlin, SQLite, Android Development

• Smart Dairy Farm Management System – Mobile Application

Developed a smart dairy farm management system using machine learning to predict milk yield and support herd-level planning. Integrated AI-based predictions and optimization to assist farmers in meeting production targets through data-driven insights.

Technical Skills: Python, Flask, OR-Tools, Flutter, MongoDB

• Home Inventory & Expiry Management System – Web Application

Developed an AI-enabled home inventory management system with smart categorization, expiry tracking, and AI-generated reports for usage and stock analysis.

Technical Skills: Laravel, MySQL, Bootstrap, JavaScript, REST APIs

EDUCATION

Sri Lanka Institute of Information Technology

Oct 2022 - present

St. Aloysius college Galle

2007 - 2020

TECHNICAL AND SOFT SKILLS

Programming Languages:

- C
- C++
- JavaScript
- Java
- PHP
- HTML
- CSS
- Flutter
- Kotlin

Frameworks & Technologies:

- Spring Boot
- React
- Express.js
- OSGi Framework
- Laravel
- .Net

Databases:

- MongoDB
- MySQL
- Sqlite

Tools & Version Control:

- Git
 - Postman
 - Figma
 - Docker
 - Kubernetes
 - CI/CD
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CERTIFICATES

Postman API Fundamentals – Student Expert:

Earned Postman Student Expert certification by mastering API fundamentals, including RESTful API consumption, request methods, API authentication, and basic scripting for API testing and integration.

Introduction to Software Testing – University of Minnesota:

Completed a comprehensive course on software testing fundamentals, covering test planning, unit and system testing, defect reporting, and quality assurance practices. Strengthened skills in JUnit, white-box testing, and verification & validation techniques.

AWS Academy Graduate – Cloud Web Application Builder:

Completed hands-on AWS Academy lab projects focused on building and deploying cloud-based web applications. Gained practical experience in AWS cloud services, solution architecture, and infrastructure deployment for scalable applications.

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