

Basith Ashen

Undergraduate Software Engineer

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PROFESSIONAL SUMMARY

BICT (Hons) undergraduate with hands-on experience in full-stack development using React, Node.js, and Spring Boot. Delivered multiple web applications and participated in national-level hackathons, focusing on scalable system design and data-driven solutions.

PROJECT EXPERIENCE

Banquet Catering Management System (BCMS) [🔗](#) 02/2025 – 05/2025

React.js, Express.js, MySQL

- Engineered a full-stack web platform to streamline banquet and catering operations
- Implemented modules for booking management, employee scheduling, and customer interaction tracking
- Designed a responsive frontend using React and structured relational data handling with MySQL

FOT Canteen management System in Hacktrail 2.0 [🔗](#) 08/2025 – 09/2025

React js, Express js, MySQL

- Developed a web application to modernize canteen operations and ordering workflows
- Optimized the food ordering pipeline to improve user experience and efficiency
- Managed end-to-end feature lifecycle from menu creation to order processing

SL Games Club Project [🔗](#) 01/2026 – 01/2026

Next js, MongoDB

- Architected a web-based gaming platform for interactive user engagement
- Enhanced system performance and usability using modern frontend techniques
- Optimized cross-device compatibility to ensure smooth gameplay experience

Health Tracker (FitTrack) [🔗](#) 10/2025 – 10/2025

Java Spring Boot, React

- Architected a scalable health monitoring system with a focus on backend performance
- Implemented RESTful backend services using Spring Boot to manage user health data
- Integrated frontend and backend components for real-time data interaction

Lankanjobs.com Platform [↗](#) 08/2025 – 08/2025
Node.js, Express, MongoDB, React
• Architected a full-stack recruitment platform with modern UI using Tailwind CSS
• Engineered backend services for job listings and application management
• Implemented scalable data handling using MongoDB

Dolphin Movie Downloader [↗](#) 12/2025 – 12/2025
Electron js
• Developed a cross-platform desktop application for media streaming and downloads
• Implemented features for search, streaming, and local file storage
• Integrated auto-update functionality for seamless application maintenance

CERTIFICATIONS & ACHIEVEMENTS

- AI/ML Engineer (Stage 1), SLIIT [↗](#)
- Aviatix Certified Engineer, Multi-cloud Network Associate [↗](#)
- Postman Student Expert, API Fundamentals [↗](#)
- GitHub Foundations, Github [↗](#)
- FreeCodeCamp, JavaScript Algorithms and Data Structures [↗](#)

AWARDS

PITCH ARENA Hackerthon [↗](#) 12/2025
Faculty of Engineering University of Ruhuna

AdaptiQ Hackerthon [↗](#) 10/2025
Information Institute of Technology

Hacktrail 1.0 [↗](#) 09/2024
ICT Students' Circle - University of Ruhuna

Hacktrail 2.0 [↗](#) 09/2025
ICT Students' Circle - University of Ruhuna

EDUCATION

Bachelor (Hons) in Information & Communication Technology 2022 – 2026
University of Ruhuna

G.C.E. Advanced Level 2020
Central College, Wadduwa

TECHNICAL SKILLS

Languages

Java, JavaScript (ES6+), Python, PHP, React.js, Next.js, Tailwind CSS, Node.js, Express.js, Spring Boot, Flutter

APIs & Architecture

RESTful API Development, API Testing (Postman), Retrieval-Augmented Generation (RAG)

Data Engineering & Analytics

Data Warehousing (ELT pipelines), Data Modeling (Galaxy Schema), Power BI (basic visualization), Pandas (data processing)

AI / ML

Machine Learning (basic models, CNN), Natural Language Processing (NLP), Image Processing, AI Tools & Productivity

Databases

MySQL, MongoDB, PostgreSQL, MS Access

DevOps & Cloud

Docker, Kubernetes, CI/CD (GitHub Actions), Jenkins, Prompt Engineering, Multi-cloud Networking (AWS, Azure, GCP basics via Aviatrix)

Computer Science Fundamentals

Object-Oriented Programming (OOP), Design Patterns, Data Structures & Algorithms

Soft Skills

Team Leadership, Problem Solving, Leading Projects, Team Collaboration