

DUWARAGIE KUGARAJ

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EDUCATION

BSc. (Hons) in Data Science 2023 - 2027
Sri Lanka Institute of Information Technology

G.C.E. Advanced Level (Physical Science) 2007 - 2023
Bishop's College

SKILLS

Programming Languages	C, C++, Java, JavaScript, TypeScript, Python
Frameworks	ReactJS, NodeJS, Express.js, Next.js, .NET, Bootstrap, TailwindCSS
Databases	MySQL, MongoDB, PostgreSQL, Firebase
Dev Tools	Git, GitHub, VS Code, Jupyter Notebooks
Web Development	HTML5, CSS3, RESTful APIs, MERN Stack, Responsive Design
Soft Skills	Teamwork, Communication, Time Management, Leadership, Critical Thinking

WORK EXPERIENCE

Global Admissions Officer - Trainee, Adventus.io *May 2024 – Sep 2024, Colombo, Sri Lanka*
Streamlined university application workflows, coordinated student–university communications, and met daily targets using CRM tools.

PROJECTS

AcePilot – AI-Powered Mock Interview Platform — *Next.js, TypeScript, Firebase, Vapi AI*
Developed a comprehensive full-stack interview preparation platform enabling candidates to practice with AI-powered voice interviews. Integrated Firebase authentication and database, and Vapi AI voice agents for realistic interview simulations. Implemented intelligent feedback system using Google Gemini AI with category-wise scoring and detailed performance analytics. Built responsive interface supporting customizable interview parameters (role, experience level, tech stack). Achieved real-time transcription, interview history tracking, and retake functionality for continuous skill improvement.

GoSync – Online Bus Ticket Booking System — *React, Node.js, MongoDB, Docker*
Built a full-stack MERN-based bus ticketing platform with real-time seat booking, admin dashboards, and QR-based ticketing. Integrated 10+ modules including authentication, scheduling, and notifications. Achieved 90% reduction in manual booking effort via digital automation. Dockerized and CI/CD-enabled using GitHub Actions.

Workbrew – Coworking & Café Finder App — *Kotlin, Android Studio*
Personal Android app to discover nearby coworking spaces and cafés. Implemented location-based search using Google Maps API, clean UI with Jetpack Compose, and integrated Room database for saving favorites.

Employee Management System — *Java, MySQL Workbench*
Designed a secure, role-based Employee Management System, ensuring efficient admin and employee functionality.

PROFESSIONAL ASSOCIATIONS

Board & Committee Member, Rotaract Club of SLIIT *June 2023 – June 2025*
Led PR and IT initiatives, co-chaired “VOCE’24,” and organized development programs like “Ace The Test” to boost student engagement.

Vice President, Global Spectrum Society *2018*
Facilitated an international cultural exchange program in Sikkim, India.

REFERENCES

Dhanushka Perera
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