

Heshan Dinuka Lakmal

Full-Stack Developer

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Location: 96 D/1 Namaluwa, Kothalawala, Bandaragama.



PROFILE

Full-Stack Developer with hands-on experience in building web and mobile applications from frontend to backend. Skilled in developing responsive user interfaces, creating RESTful APIs, managing databases, and deploying applications. Passionate about writing clean code and building efficient, user-friendly software solutions.

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, TypeScript, Python, SQL
- **Frontend:** React, Bootstrap, Tailwind CSS, JavaFX, HTML5, CSS3
- **Backend:** Spring Boot, Spring Security, Node.js, Express, Flask
- **Databases:** MySQL, MongoDB,
- **DevOps:** Docker, Git, Maven
- **Other:** REST APIs, JWT, Socket.io, OOP

PROFESSIONAL EXPERIENCE

Econopack industries (pvt) ltd - (2022)

Graphic Designer

- Collaborated with the production and marketing teams to design high-quality visual assets, including industrial packaging layouts, corporate branding materials, and promotional graphics, ensuring strict adherence to brand guidelines.

Auto Miraj - (2023)

Graphic Designer

- Developed high-impact marketing collateral and digital assets for seasonal promotional campaigns. Focused on maintaining a premium visual identity for the brand across social media platforms and physical signage.

IDS Printing House Pvt Ltd. - (2023)

Graphic Designer

- Worked in a fast-paced environment creating custom designs for clients, including logos, marketing materials, and large-format prints. Responsible for pre-press layout, color correction, and ensuring high-quality final output for diverse print media.

David Pieris Motor Company (Pvt) Ltd - (2023)

Cyber Security Camera Monitoring Officer

- Responsible for real-time surveillance and security monitoring across corporate facilities. Managed digital security feeds, identified potential risks, and ensured strict adherence to safety and security protocols within a high-stakes corporate environment.

Dinuka Graphics (formerly Huruwagraphy) - (2024)

Owner

- Founded and managed a home-based graphic design and printing startup. Provided end-to-end services including branding, social media marketing, and high-quality digital printing. Successfully managed client relationships, project timelines, and business operations.
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PROJECT EXPERIENCE

EPetHub - All-in-One Smart Pet Care Platform

- Developed an all-in-one mobile platform connecting pet owners, veterinarians, and pet service providers. Implemented AI-based symptom checking (GPT-4), real-time GPS tracking with geofencing, digital medical records via QR, and a multi-vendor marketplace with automated care reminders.
- Tech Stack: React Native, GPT-4, GPS/IoT, QR Technology.

MYBIZ - Business Management System

- Description: A full-stack web application designed to help small businesses manage inventory, track sales, and streamline daily operations.
- Key Features: Product management, user authentication, and a responsive dashboard for business analytics.
- Tech Stack: React Native, NativeWind, Cloudinary and Firebase.
- [Download Now](#)

Smart Farmer B2B/B2C Platform

- A mobile marketplace designed to empower farmers by providing a direct connection to buyers. This platform eliminates unnecessary middlemen, ensuring farmers receive the best possible price for their products.
- Frontend: React Native (Mobile App)
- Backend: Node.js & Express.js
- Database: MongoDB
- State Management: Redux / Context API

Mental Therapy Health System - JavaFX desktop app

- Developed a JavaFX desktop application for managing mental therapy health services, including patient registration, therapist management, appointment scheduling, payments, and dashboard analytics. Used Java, JavaFX, Hibernate ORM, and MySQL as part of software engineering coursework.

Web POS System

- Built a responsive web-based Point of Sale (POS) system using Bootstrap, HTML, CSS, and JavaScript. Features include product management, sales processing, and interactive UI for streamlined retail operations.

Gnanapradeepa Library Management System

- Developed a multi-layered library management application using Java with clean separation of UI, business logic, and data access layers. Features include book/catalog management, user accounts, borrowing/returning tracking, and reporting.
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EDUCATION

Graduate Diploma in Software Engineering (GDSE) | 2024 - Present

Institute of Software Engineering (IJSE), Panadura Enrolled to advance expertise in software engineering and practical application development.

- Developed enterprise-level software using Java, Spring Boot, and JavaFX, focusing on scalable and maintainable architecture.
- Created dynamic and user-friendly interfaces with React and Angular, enhancing usability across web platforms.
- Integrated databases such as MySQL and PostgreSQL for efficient data management and ensured data integrity.
- Implemented RESTful APIs with secure JWT authentication, supporting modular and secure service communication.
- Used Docker, Git, and Maven to automate builds, manage containers, and ensure version control in a team environment.

G.C.E. Advanced Level (Technology Stream) | 2019 - 2022

Panadura St. John's College, Panadura **Achieved a District Rank of 275 (Kalutara District)**. Specialized in Engineering Technology, demonstrating a strong commitment to technical studies.

G.C.E. Ordinary Level | 2009 - 2019

Bandaragama Central College, Bandaragama Successfully completed secondary education with essential academic skills.

O/L Results - 1B, 7Cs and 1S

Primary Education | 2007 - 2009

Palannaruwa Central College, Gonapala

EXTRA-CURRICULAR ACTIVITIES

Founder & Designer - Dinuka Graphics (formerly HuruwaGraphy)

- Freelance graphic design and branding
- Social media designs and promotional materials
- Photography and videography services

Graphic Designer - IJSE Student Committee

- Design posters and digital content for events
- Help organize Vesak Dansal, Christmas Festival, and Year-End event
- Support student activities and event coordination

Sports & Achievements

- Played for Badminton Club and participated in tournaments
- Karate player - Winner at Annual Inter-House Sports Meet

SKILLS

Communication
Teamwork
Time Management
Creativity
Problem Solving

LANGUAGE

English
Sinhala

REFERENCES

Mr. Prasad Waduge
CEO/Senior Trainer - Producing
IT professionals
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