

Heshan Dinuka

Associate Software Engineer

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

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFILE

Motivated Software Engineer with hands-on experience in **full-stack web development**. Experienced in developing and maintaining software solutions, with a strong ability to learn and adapt to new technologies. Currently focused on improving my technical skills and building reliable, clean, and efficient applications. Looking forward to growing as a software engineer and contributing to impactful projects.

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, TypeScript, Python, C#, Dart, SQL
- **Frontend:** React, Next.js, HTML5, CSS3, Bootstrap, Tailwind CSS, JavaFX
- **Backend:** Spring Boot, Spring Security, Node.js, Express.js
- **Mobile:** Flutter, Dart, React Native
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Cloud & Services:** Firebase
- **Game Development:** Unity, PixiJS
- **DevOps & Tools:** Docker, Git, GitHub, Maven, CI/CD, Postman
- **APIs & Security:** REST APIs, JWT, Authentication & Authorization
- **IoT:** Arduino, ESP8266, ESP32
- **Other:** OOP, JPA, Hibernate, JDBC, Cron Jobs, Database Seeding, TypeORM, Redis

PROFESSIONAL EXPERIENCE

Novo Soft Technologies (Pvt) Ltd

Trainee Associate Software Engineer | 6 Months

- Worked across frontend, backend and mobile development, contributing to applications using Next.js, Spring Boot, Flutter and Node.js.
- Developed features for stock and business management applications, while gaining practical experience with REST APIs, JWT authentication, password hashing/salting and database integration.
- Gained hands-on experience with CI/CD, database seeding, cron jobs and Git/GitHub in a collaborative development environment.

AWI8 (Pvt) Ltd

Freelance Software Developer | 2026 - Present

- Gained practical experience in game development using Unity and C# while working with a development team.
- Contributed to the development of Pansil Breaker using Next.js, PixiJS and Firebase.
- Assisted with bug fixing, feature development and application improvements.

Graphic Designer — Professional & Freelance Projects
3+ Years Experience

- Created branding, promotional, social media, and print designs.
- Designed posters, flyers, banners, business cards, and advertisements.
- Worked with clients to understand requirements and deliver designs on time.
- Experienced in Adobe Photoshop and print-ready artwork preparation.

PROJECT EXPERIENCE

Stock Pilot — Inventory Management Application / Flutter, Node.js, PostgreSQL, REST API

- Developed a mobile inventory management application using Flutter with a Node.js backend and PostgreSQL database, implementing inventory management features, REST API integration and authentication.

Kala Sangamaya — Web Application / Next.js

- Developed a web application using Next.js, implementing responsive user interfaces and application features while collaborating with the development team.

EPetHub - All-in-One Smart Pet Care Platform / React Native, GPT-4, GPS/IoT, QR Technology, Arduino, ESP8266, Next.js, Firebase.

- Developed an all-in-one pet care platform with AI symptom checking, GPS tracking, digital medical records, a multi-vendor marketplace, and automated care reminders.

MYBIZ - Business Management System / React Native, Firebase

- Full-stack mobile application for inventory, sales and business management, featuring product management, authentication and business analytics.

EDUCATION

BSc (Hons) Computer Science | 2026 - Present

University of Greater Manchester, UK. Studying through SWLC, covering programming, databases, cloud technologies, data structures, cyber security, AI, and software development.

Graduate Diploma in Software Engineering (GDSE) | 2024 - 2026

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

G.C.E. Advanced Level | 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.
O/L Results - 1B, 7Cs and 1S

REFERENCES

Mr. Prasad Waduge
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