

# H. P. Gayashan Ashinshana

## Full-Stack Developer

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### OBJECTIVE:

Motivated and detail-oriented software engineering undergraduate currently pursuing a **Graduate Diploma in Software Engineering** at IJSE and a **Bachelor of Software Engineering Honours** at The Open University of Sri Lanka. Skilled in Java, JavaScript, React, and GoDot, with hands-on experience in building scalable applications, integrating AI solutions, and developing both hardware and software projects. Eager to apply technical knowledge, creativity, and problem-solving skills in a professional environment through an internship opportunity, while contributing to impactful projects and gaining valuable industry experience.

### TECHNICAL SKILLS:

Programming Languages	Frameworks & Libraries	Databases	Tools	Others
<ul style="list-style-type: none"><li>• Java</li><li>• JavaScript</li><li>• TypeScript</li><li>• Python</li><li>• GDScript (Basic)</li><li>• C#</li></ul>	<ul style="list-style-type: none"><li>• React</li><li>• React Native</li><li>• Spring</li><li>• Node.js</li><li>• Express</li><li>• Hibernate</li><li>• JavaFx</li><li>• Swing</li></ul>	<ul style="list-style-type: none"><li>• MySQL</li><li>• MongoDB</li><li>• Firebase</li><li>• PostgreSQL</li></ul>	<ul style="list-style-type: none"><li>• Git</li><li>• PostMan</li><li>• Figma</li><li>• Arduino</li><li>• GoDot</li><li>• Expo Go</li><li>• Scene Builder</li></ul>	<ul style="list-style-type: none"><li>• REST APIs</li><li>• Object-Oriented Design</li><li>• UI/UX Prototyping</li></ul>

### PROJECTS:

Ongoing

#### Influenza—AI-Powered Influencer Recommendation System

(React Native + Express + AI)

- Developed a mobile app for businesses to connect with influencers and manage collaborations.
- Implemented an AI-based recommendation engine to suggest suitable influencers based on business details and preferences.
- Integrated features for **user registration, influencer details viewing, and business profile management**.

#### Sunny Land—2DPlatformer Game

(Godot Engine • Pixel Art)

- Developed a 2D platformer with **player movement, enemy AI, collectibles, and level progression**.
- Designed **interactive UI, main menu, and score tracking system**.

#### New Magazine—Prison Management System

(Java • Python • OpenCV • MySQL)

- Developed a **desktop application** to manage inmates, officers, visitors, sections, incidents, and expenses with full **CRUD functionality**.
- Integrated **real-time photo capture and QR code features** using OpenCV and Python, and implemented secure authentication with **password hashing**.
- Generated detailed **Jasper Reports** for different modules and enhanced usability with intuitive UI design.

## SimplyHire – Freelance Marketplace Platform

(Next.js • React • Spring Boot • Microservices)

- Built a **freelance platform** with profiles, gigs, orders, payments, reviews, and team/project management.
- Developed a **scalable microservices architecture** for all core modules.

## Book Management System – MERN Stack Library Platform

(React + Node.js + Express + MongoDB)

- Library system with **catalog, user management, and JWT authentication**.
- Features: **search, filters, book cover upload**.

## Batman Web – Angular Learning Project

(Angular • TypeScript • HTML/CSS)

- Developed a **web application** showcasing **Batman's life, rivals, and wallpapers**.
- Practiced **Angular fundamentals**, including components, routing, and data binding.
- Designed a **responsive and interactive UI** for an engaging user experience.

## EDUCATION:

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### Graduate Diploma in Software Engineering

2023-2025

Institute of Software Engineering

### Bachelor of Software Engineering Honours

2023/24-present

The Open University of Sri Lanka

## COMPETITIONS:

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### Circle Edge 2025 – IJSE

- Finalist as part of Team PrimeSpark
- Worked on backend and frontend development for SimplyHire, supporting core modules and project planning.
- Developed skills in analytical thinking, team collaboration, and project planning

### Innovesta 2024 – IJSE

- Participated as part of a team project
- Demonstrated team collaboration, technical planning, and problem-solving

## CERTIFICATIONS:

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### UoM Open Learning – Full Stack Developer Course

- **Web Development** – *Web Design for Beginners, Front-End Web Development* (Trainee – Full Stack Developer)
- **Programming in Python** – *Python for Beginners, Python Programming* (Trainee – Full Stack Developer)

## REFERENCES:

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### 1. Mr. Prasad Waduge

CEO/Senior Trainer – Producing IT professionals

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