

# GAVIN HEMSANDA

## FULL-STACK DEVELOPER | R&D SOFTWARE ENGINEER

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I'm a software developer who is passionate about advancements in technology. I'm interested in creating and designing products that simplify daily life for people. I'm also skilled at quickly grasping new concepts and can easily adjust to various work settings.

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## EDUCATION

**Bachelor of Information Technology (external) | University of Moratuwa**

Degree obtained 2022 - Expected 2025

**Advanced Level (Physical Science) | Central College Piliyandala**

2020

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## EXPERIENCE (PROJECTS)

### Eye Clinic Management System

- The Eye Clinic Management System streamlines patient appointments, records, prescriptions, and billing.
- Built with PHP, MySQL, JavaScript, and Bootstrap. [Click](#)

### Blog Post API

- A scalable RESTful API built with ASP.NET Core for managing blog posts, user accounts, comments, tags, and notifications.
- Supports user authentication (JWT), CRUD operations, and real-time notifications. [Click](#)

### Online Food Order (Back-end)

- Provides APIs for user authentication, restaurant and menu management, order processing, and payment integration.
- Built with Node.js, Express, and MongoDB. [Click](#)

### Library Management System (Back-end)

- Web-based system for managing books, user accounts, and borrow operations.
- Built with Spring Boot, MySQL and JWT. [Click](#)

### Face and Eye Detection System

- Developed a system using OpenCV for real-time face and eye tracking, combined with a CNN-based emotion classifier to monitor emotional cues and detect suspicious behavior during interviews. [Click](#)

### Admin-Dashboard

- This is a Next.js Admin Dashboard with authentication features, including Login and Register pages.
  - Built with Next.js, while the backend is connected to MongoDB. [Click](#)
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## SKILLS

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|-------------------------------|-----------------------------|
| • ASP.NET (Intermediate)      | • React (Intermediate)      |
| • Node.js (Intermediate)      | • Angular.js (Intermediate) |
| • Spring boot (Intermediate)  | • SQL (Intermediate)        |
| • Next.js (Intermediate)      | • MongoDB (Intermediate)    |
| • GIT (Intermediate)          | • Firebase (Intermediate)   |
| • Machine Learning (Beginner) | • AWS (Beginner)            |