# Harishihan Chandrakumar

*Full-Stack Web Developer — MERN Stack*

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## PROFILE SUMMARY

Motivated and detail-oriented MERN Stack developer with a strong foundation in web and app development. Skilled in building scalable full-stack applications using modern technologies. Passionate about learning, problem-solving, and contributing to real-world projects. Seeking an internship to apply my skills in frontend and backend development while gaining industry experience.

## TECHNICAL SKILLS

- **Programming Languages:** JavaScript, Java
- **Frontend:** React.js, Tailwind CSS
- **Backend:** Node.js, Express.js, REST APIs, MVC architecture
- **Databases:** MongoDB, MySQL
- **Version Control & Tools:** Git, GitHub, Postman, Figma
- **Deployment:** Vercel, Docker basics

## PROJECTS

**Auth System**                                                          Link to Repo

A secure authentication system for web applications, enabling users to sign up, sign in, and reset passwords. Implements email verification and robust security measures to protect user data.

- Developed using **MERN stack** (MongoDB, Express, React, Node.js)
- Implemented **JWT tokens** for session management and authentication
- Used **bcrypt** to securely hash and store passwords
- Integrated **OTP verification** to validate new accounts via email
- Delivered a **scalable and secure authentication workflow** for web apps

**ReportEase (Group)**                                                   Link to Repo

A comprehensive web-based platform designed to make university issue management seamless, transparent, and efficient. Enables students, faculty, maintenance staff, and administrators to report, track, and resolve issues collaboratively in real time.

- Developed using **Laravel, PHP** and **MySQL**
- Implemented multi-role authentication
- Real-time issue tracking with workflow management
- Secure image uploads with automatic thumbnail generation
- Role-based dashboards for personalized insights
- Developed a fully responsive and accessible interface

**SkillForge (Group)**                                         [Link to Repo]

A web application that generates personalized learning paths for users who want to learn new skills but don't know where to start. The site provides structured guidance along with free resources.

- Developed using **React JS** (frontend) and **Firebase (database, authentication, hosting)**
- Integrated Gemini AI API for personalized recommendations
- Designed UI/UX prototypes in Figma
- Delivered a responsive and user-friendly platform for guided learning

**Note App**                                                        [Live Link]

A full-stack web application for creating, editing, and managing personal notes.

- Developed using **React JS, Tailwind CSS (frontend), Node.js/Express.js (backend), and MongoDB**
- Implemented CRUD functionality for notes
- Designed a clean, responsive interface using Tailwind CSS
- Deployed on Render for real-world access

**Gemini Clone (AI-powered Web App)**                          [Link to Repo]

An AI-inspired web application that provides intelligent responses to user queries for interactive learning or assistance.

- Developed using **React JS** (frontend)
- Integrated AI API for smart recommendations and responses

# EDUCATION

**BSc (Hons) Computing and Information System**

Sabaragamuwa University of Sri Lanka                           2023 – Present

**Bachelor of Information Technology (External)**

Moratuwa University of Sri Lanka                               2023 – Present

# REFERENCES

**Prof. BTGS Kumara**
Professor in Computer Science
Faculty of Computing
Sabaragamuwa University of Sri Lanka
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**Mr. GACA Herath**
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