

# Harishihan Chandrakumar

## Software Engineer Intern

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## PROFILE SUMMARY

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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

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- **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

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### Auth System

[Live Link](#)   [Repo Link](#)

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

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<b>BSc (Hons) Computing and Information System</b> Sabaragamuwa University of Sri Lanka	2023 – Present
<b>Bachelor of Information Technology (External)</b> Moratuwa University of Sri Lanka	2023 – Present

EXTRACURRICULAR ACTIVITIES

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Member of the Faculty Tennis Team    2024–Present

REFERENCES

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<b>Prof. BTGS Kumara</b> Professor in Computer Science Faculty of Computing Sabaragamuwa University of Sri Lanka Email: <code>kumara@foc.sab.ac.lk</code>	<b>Mr. GACA Herath</b> Lecturer (Probationary) Department of Computing & Information Systems Faculty of Computing Sabaragamuwa University of Sri Lanka Email: <code>anuradha@foc.sab.ac.lk</code>
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