SUGEESHWARA RATHNAYAKA

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 [Sugeeshwara_Rathnayaka](#)   **|**   s[ugee_rath](#)   **|**   s[ugee_portfolio](#)

SUMMARY

Motivated Software Engineering graduate with strong hands-on experience in full-stack development, database design, and user experience optimization. Skilled in delivering both individual and group projects using modern technologies and agile practices. Seeking an internship opportunity to apply technical knowledge, contribute to impactful projects, and gain industry exposure.

EDUCATION

BSc (hons) Software Engineering - September 2022 - 2025
NSBM Green University (Affiliated with University of Plymouth – UK)

G.C.E Advanced Level (Physical Science Stream) - 2021
Central College Eppawala

G.C.E Ordinary Level - 2018
Central College Eppawala

TECHNICAL SKILLS

- **Languages and Frameworks**: TypeScript/JavaScript, React.js, Next.js, Express.js, Node.js, Java, Tailwind CSS, HTML, CSS, Python
- **Databases:** MongoDB, MySQL
- **Tools & Platforms:** GitHub, VS Code, Postman, Figma, Chakra UI, Docker
- **Others:** REST APIs, JWT, Zustand, Inngest, Clerk, Stripe
- **Methodologies:** Agile (Scrum & Kanban – basic knowledge), Software Testing Principles

PROJECTS

- **BloodLink – MERN Stack Online Blood Bank Management System *(Full-Stack, Individual – Final Year Project)***
    - Developed a multi-role web platform to manage blood donations, hospital requests, and campaigns.
    - Created authentication and role-based access for Super Admin, Blood Bank Admin, Hospital, Donor, Requester, and Organization
    - Designed dashboards for each user type with dynamic CRUD capabilities.
    - Used Chakra UI to create a responsive frontend with modal forms and tables.
    - Enhanced system security by implementing encrypted login with JWT & bcrypt.
    - Integrated MongoDB for managing users, appointments, and campaigns.

- **QuickShow – MERN Stack Movie Ticket Booking System *(Full-Stack, Deployed - Personal)***
    - Built a full-stack cinema booking platform with real-time seat reservation and show scheduling.
    - Integrated Stripe Checkout + secure webhooks for payment processing.
    - Implemented background jobs using **Inngest** to auto-cancel unpaid bookings and release seats.
    - Added Clerk authentication and role-based admin dashboard.

- - Connected third-party services: TMDB API, email notifications (Brevo SMTP).
  - Deployed production-ready app with environment configs and live hosting.
    Live: quikshow_bookings↗
- **Movie Mate - MERN Stack (Group Project – *Authentication Lead)*** - Led authentication design and implemented secure login, JWT sessions, and role-based access for a movie ticket booking platform.
- **FurniVision – TypeScript, React, Next.js, R3F, Three.js (Group)** - Web application for furniture design with a 3D manipulation system.
- **Green Supermarket – JAVA, JSP/Servlets, (Group)** - Developed a web application for a supermarket with online payments.
- **LibManage – C# | ASP.NET , SQL, (Group)** - Developed a desktop application to manage library system.
- **PhotoPro – Flutter -** Developed a mobile application for photographers to handle and pre plan photography events.

SOFT SKILLS

- Analytical and problem-solving mindset
- Team collaboration and adaptability
- Quick learner with eagerness to improve skills
- Time management & multitasking
- Willingness to learn new technologies

REFERENCE

- **Eng H.M.A.P. Rathnayake**
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  National Institute of Post Harvest Management
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