

Harshana Abeyrathne

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EDUCATION

- **BSc (Hons) in Information Technology Specializing in Information Technology**, SLIIT
Third Year, expected graduation: 2026
 - Advanced Level Commerce, St. Sylvester's College, Kandy
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PROJECTS

Intelligent Quiz Platform | Quiz Genie – Real-time quiz battle system for students to compete on daily quizzes, track scores, and rank on leaderboards.

- **Source:** github.com/HarshanaAbeyrathne/Quiz_Genie_frontend
- **Source:** github.com/HarshanaAbeyrathne/Quiz_Genie_Backend
- **Technologies Used:** Next.js, TypeScript, JavaScript, MUI (Material UI)

DevOps-Ready URL Shortener – A containerized web service that converts long URLs into short, shareable links with redirect functionality. Built with Node.js and Redis, orchestrated with Docker Compose, and routed through Nginx reverse proxy for scalable deployment.

- **Source:** github.com/HarshanaAbeyrathne/url-shortener
- **Technologies Used:** Node.js, Express.js, Redis, Docker, Docker Compose, Nginx

Bright Minds – A simple React-based e-commerce web application focused on children's toys. The platform allows users to browse products, add items to a shopping cart, and simulate a checkout process.

- **Source:** github.com/HarshanaAbeyrathne/BrightMinds_FrontEnd
- **Technologies Used:** MongoDB, Express.js, React.js, Node.js, Tailwind CSS

Driving School Management System | Sarasavi Learners – Educational management platform where students can pay fees, attempt quizzes, and admins can manage users and assign teachers to classes.

- **Source:** github.com/HarshanaAbeyrathne/learnersServer
- **Technologies Used:** MongoDB, Express.js, React.js, Node.js, Tailwind CSS

Social Learning Platform – Developed a social media platform where users can create and share personalized learning journeys and plans. The platform encourages collaborative learning and progress tracking in a user-friendly environment.

- **Source:** github.com/HarshanaAbeyrathne/paf_frontend
- **Source:** github.com/HarshanaAbeyrathne/paf_backend
- **Technologies Used:** Spring Boot, MySQL, TypeScript, Tailwind CSS

Bill Management System | Sipsayuri – A billing management web app for a bookshop to record sales, free issues, and discounts. Users can track total collections and search buyer-wise bill history

- **Source:** github.com/HarshanaAbeyrathne/SipsayuriFrontend
- **Source:** github.com/HarshanaAbeyrathne/SipsayuriBackend
- **Technologies Used:** Next.js, TypeScript, JavaScript, MUI (Material UI)