NEMITHA BANDARA

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SUMMARY

Currently an **undergraduate studying Information Technology at SLIIT**, with a background in the Technology stream. The passion lies in developing a career as a Business Analyst and using technology to bring efficiency to businesses. Integrates technical experience with analytical and problem-solving skills in designing innovative, user-friendly digital systems that solve real-world business challenges.

EDUCATION

BSC(Hons) Information Technology: Specializing in Information Technology   May 2023 - Expected in 2027
SLIIT University

Advanced Level: Technology   2020 - 2022
 Badulla Central College - Badulla.
  - Information Technology - S • Engineering Technology - S • Science for Technology - S

Ordinary Level   2019
Keppetipola National School, Keppetipola.
  - Information Technology - A • Mathematics - C • English - B • Sinhala - C • Science - C
    • Buddhism - C • History - A • Geography - B • Music - B

Programming in Python & Web Development   Started 2025 October
    • University of Moratuwa.

PROJECTS

Printer Management & Service Web Application

- Technologies: React.js, Node.js (Express), MongoDB, JavaScript, Figma
- Designed and implemented a web-based system for selling printers and providing repair services for schools and corporate clients.
- Developed RESTful backend APIs with Node.js and Express.js to handle product listings, repair requests, and order management.
- Integrated MongoDB with Mongoose for efficient data storage, retrieval, and schema validation.
- Built responsive, interactive frontend components using React.js to display products and manage service requests.
- Implemented JWT-based authentication and bcrypt encryption to ensure secure user and admin access.
- Applied CORS, dotenv, and cookie-parser for secure and reliable client–server communication.
- Prototyped UI layouts in Figma, focusing on an intuitive experience for customers and administrators.
- Incorporated validation and error-handling mechanisms to ensure smooth and consistent user interactions.
- Designed an admin dashboard to manage sales, service requests, and customer data efficiently.

Online Employee Management System
- Technologies: Java, JSP, MySQL,
- Developed modules for employee task assignment and payroll management
- Implemented role-based access control

Nemitha Bandara — Portfolio (GitHub Pages)

- Developed a modern, responsive personal portfolio website with customizable projects and live demo/code links.
- Designed with HTML5, CSS3, and JavaScript, optimized for deployment on GitHub Pages (free hosting).
- Supports custom domains, HTTPS, and easy content customization via simple edits to index.html and styles.css.

SKILLS

- **Programming & Development:** Python, C, C++, Java, JavaScript
- **Web & App Development:** HTML5, CSS3, React.js framework
- **Full-Stack Development:** MERN Stack (MongoDB, Express.js, React.js, Node.js)
- **Databases:** MySQL, MongoDB
- **Tools & IDEs:** VS Code, Eclipse, Android Studio
- **UI/UX & Design:** Figma(UI/UX design)
- **Languages :** English, Sinhala

EXTRACURRICULAR ACTIVITIES

- Badminton

LINKS

https://github.com/dulsennemitha/Tech-Com
https://dulsennemitha.github.io/

REFERENCES

Sasini, Hathurusinghe,
Assistant Lecturer At SLIIT,
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