NAON PERERA

SUMMARY

Computer Science undergraduate with **hands on experience** in full stack development. Skilled in building web applications using the **MERN stack** (MongoDB, Express.js, React, Node.js) with a strong understanding of both **frontend and backend** development. Passionate about writing clean code, solving problems, and continuously learning modern web technologies

EDUCATION

- **Bachelor of Computer Science**
  NSBM Green University
  Cumulative **GPA** (current): **3.91**   (2023-Present)
- **Assured Diploma in Information Technology (DITEC)**
  Esoft Metro Campus   (2023-2024)
- **St.Joseph's College,Colombo 10,Negombo Branch**
  G.C.E Advanced Level **(Physical Science Stream)**
                                              (2020-2022)

PROJECTS

MovWatch (MERN Stack)
Developed MovWatch, a full-stack movie discovery web application using React and Tailwind CSS for the frontend. Implemented secure user authentication with Clerk and background workflows using Inngest. Integrated the TMDB API to fetch and display real-time movie data, and deployed the application on Vercel. **Technologies: React, Tailwind CSS, Clerk, Inngest, TMDB API, Vercel**

Expense Tracker Application (MERN Stack)

Full-stack expense management system with authentication and financial reporting. **Technologies: React, Node.js, Express.js, MongoDB, JavaScript, Tailwind CSS**

Diabetes Prediction System

Built a Machine Learning–based diabetes prediction system using Logistic Regression on the PIMA dataset, with data preprocessing, feature scaling, and model evaluation. Prepared for web deployment using Flask. Technologies: **Python, Pandas, NumPy, Scikit-learn,**

REFERENCE

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 NSBM Green University,Pitipana,Homagama
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CONTACT

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Linkedin: https://www.linkedin.com/in/osagani-perera-0660842a3/

CERTIFICATIONS

- **AI & Machine Learning** – SLIIT University (https://code.sliit.org/certificates/rdd1d3zrvz)
- Web Design for Beginners – **University of Moratuwa**
- FreeCodeCamp: **Responsive Web Design, JavaScript Algorithms & Data Structures**
- SQL (Basic–Advanced) – HackerRank
- Applied Information Technology -SLT Training Centre Welisara

LEADERSHIP & ACTIVITIES

- **IEEE Student Branch – NSBM: Subcommittee Team Lead** (Finance 2024-Present)
- Association of Computer & Data Science – NSBM: **Vice Treasurer** (2024-2025)
- Participant: IEEE Xtreme 19.0, **JapuraXtreme** Hackathon, AlgoXplore CTF

TECHNOLOGIES

- **Languages:**
  Java, Python, C, JavaScript, MATLAB, Dart
- **Frontend:** HTML, CSS, Bootstrap, React, Next.js, Three.js
- **Backend:**
   Node.js, JSP, Servlets Databases: MongoDB, MySQL, Firebase
- **Machine Learning:**
  Data preprocessing, model training & evaluation (Scikit-learn)
- **Tools:**
  Git, VS Code, Android Studio, NetBeans, Tomcat, Jupyter Notebook, Postman,Figma