NADEESHA SHALOM

Undergraduate Software Engineering Student | SLIIT
+94 70 7328800 | nadeeshashalom1@gmail.com
LINKEDIN: http://www.linkedin.com/in/nadeesha-shalom-a5a2a4251
GITHUB: https://github.com/Nadeesha-D-Shalom

PROFESSIONAL SUMMARY

Motivated Software Engineering undergraduate at SLIIT with hands-on experience in full-stack development, AI-powered solutions, and database-driven applications. Skilled in Java, Python, MySQL, and Android development, with growing expertise in Artificial Intelligence, Machine Learning, and Digital Innovation. Experience in applying AI tools such as GPT-based assistants, recommendation systems, and computer vision concepts to improve customer experience and operational efficiency. Strong background in research, benchmarking tech solutions, and identifying business use cases. Excellent teamwork, leadership, and communication skills with a commitment to strategic thinking, continuous learning, and real-world problem solving.

SKILLS

- **Programming Languages**: Java, Python, C, C++, PHP, JavaScript, SQL
- **Frameworks & Platforms**: Spring Boot, Node.js (basic), Android SDK (basic), React
- **AI & Machine Learning:** Prompt Engineering, Chatbots, Recommendation Systems, Logistic Regression, Computer Vision Basics, Data Preprocessing, Model Evaluation (Accuracy, Recall, F1-score, ROC-AUC), Ethical AI Awareness, Jupyter Notebook, Scikit-learn, TensorFlow (basic), Pandas, NumPy
- **Web Technologies**: HTML5, CSS3, JavaScript, Bootstrap, React Navigation, REST APIs (basic)
- **Databases & Storage**: MySQL, Microsoft SQL Server, File-based Storage
- **Tools & Version Control**: Git, GitHub, IntelliJ IDEA, Android Studio, VS Code, XAMPP, Apache Tomcat, Postman
- **Cloud & Hosting**: cPanel Management, GoDaddy Hosting, FileZilla Deployment
- **IoT & Embedded Systems:** ESP32 / ESP8266, Arduino IDE, LoRa, GPS Modules, Sensor Integration
- **Core Competencies**: Software Development Lifecycle (SDLC), Object-Oriented Programming (OOP), Debugging, Problem Solving, API Integration (basic)

EDUCATION

BSC (HONS) in Information Technology   July 2024 – Present
Sri Lanka Institute of Information Technology

Diploma In Software Engineering   February 2020 – 2022
Pioneer Institute of Business and Technology

Extra-Education Courses & Certifications
- Java OOP: Object-Oriented Programming with Exercises – 2025   Udemy | Issued Jun 2025
  Skills: Java, Object-Oriented Programming (OOP), Java SE, SOLID Principles, Interfaces, Abstraction

- The Complete Python Bootcamp: From Zero to Hero in Python   Udemy | Issued Mar 2025
  Skills: Python Programming, Object-Oriented Programming (OOP), Python GUI

- Git & GitHub Masterclass: The Practical Bootcamp   Udemy | Issued Jul 2025
  Skills: Git, GitHub, Git Bash, Version Control

PROJECT HIGHLIGHTS

TeaWeb – Product Showcase Website for CEYMOS LANKA (PVL) LTD | 2025– Present

Technologies: React Navigation, PHP, JavaScript, MySQL, Bootstrap, Tailwind CSS
- Designed and developed a responsive product showcase platform for Ceylon tea and coconut exports
- Built a password-protected admin dashboard with full CRUD operations and secure session management
- Integrated product image upload, password recovery, and contact form functionality
- Configured deployment structure for shared hosting environments using GoDaddy and FileZilla

Diabetes Prediction Using Logistic Regression | Machine Learning Project | 2025

Technologies: Python, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn
• Implemented Logistic Regression for diabetes classification using clinical patient data
• Performed preprocessing, feature engineering, and imbalance handling to improve accuracy
• Achieved 83.45% accuracy with enhanced recall for diabetic patient detection after model tuning
• Evaluated using ROC-AUC, precision, recall, F1-score, and confusion matrix

Airline Reservation System | SLIIT Project | 2025

Technologies: Java, Spring Boot, REST APIs, SQL Server, React Navigation, Tailwind CSS
• Developed a full-stack reservation system enabling real-time flight search, booking, and cancellation
• Integrated Spring Data JPA for secure database operations with role-based user authorization
• Built an admin dashboard to manage flight schedules, passengers, and booking status
• Documented APIs and performed integration testing using Postman and local deployment via Tomcat

Mini Projects | 2020 – 2025
• Completed 9+ personal projects involving Java, PHP, MySQL, HTML/CSS, IoT, and embedded systems

EXTRA-CURRICULAR ACTIVITIES

Subcommittee Member – Faculty of Computing Student Community (FCSC)
Sri Lanka Institute of Information Technology | March 2025 – Present
• Contribute to planning and coordination of university events and student engagement activities
• Support workshop organization, logistics, and communication to enhance student participation
• Collaborate with peers to drive community initiatives and leadership development

Participant – Codefest 2025 (Innovative IoT Category)
SLIIT | Team of 4
• • Developed an IoT-based innovative solution for Sri Lanka's largest university-level tech competition
• Worked collaboratively focusing on creativity, real-world impact, and problem-solving skills

REFERENCES
Available upon request

I hereby certify that the above-furnished particulars made by me are true and accurate to the best of my knowledge and belief.

M B N S Dias.