Judes Denislas Coonghe

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https://coonghe03.github.io/MyPortfolio/

Objective

Motivated Software Engineering undergraduate at SLIIT with a GPA of 3.2/4.0 and a strong foundation in object-oriented programming and full-stack development. Proficient in Java, C++, JavaScript, and GoLang, with hands-on experience in databases (SQL, MySQL, MongoDB). Skilled in developing web applications using React, Node.js, and Spring Boot. Familiar with Agile and Scrum methodologies. Passionate about applying problem-solving skills and technical knowledge to real-world software projects and gaining industry-level experience.

Education

Sri Lanka Institute of Information Technology (SLIIT)   *Present*
BSc (Hons) in Information Technology Specializing in Software Engineering

- CGPA: 3.2/4.0 (Result Sheet)

Work Experience

Hatton National Bank PLC   *June – October 2022*
Internship Trainee – Mannar District

- Assisted with day-to-day banking operations, customer service, and administrative tasks
- Gained exposure to financial systems and banking software
- Developed communication and teamwork skills in a professional environment

Projects

Cloud-Native Food Ordering & Delivery System   GitHub Repository

- Developed a scalable, microservice-based food ordering and delivery platform inspired by PickMe Food and UberEats. The system enables customers to browse restaurants, place orders, make payments, and track deliveries in real time. It includes separate service modules for restaurant management, order processing, delivery assignment, and notification handling.
- Implemented role-based access for customers, restaurant admins, and delivery personnel. Integrated secure online payment gateways and third-party notification services (email/SMS).
- Tech Stack: **MERN Stack (MongoDB, Express.js, React, Node.js)**, **Microservices Architecture**, **Docker**, **Kubernetes**, **JWT**, **Stripe/PayHere**, **React (Async Client)**

Go Book Management REST API   GitHub Repository

- Designed and developed a RESTful API to manage a collection of books with file-based JSON storage and full CRUD functionality. Includes concurrent search with goroutines and channels, pagination, and containerization.
- Tech Stack: **Go (Golang)**, **JSON**, **Docker**, **Kubernetes (Minikube)**, **Postman**

Personal Finance Tracker System   GitHub Repository

- Developed a full-stack application with a secure RESTful API and front-end to manage personal finances. Features include role-based access control, multi-currency support, and spending trend analysis.
- Tech Stack: **MongoDB**, **Express**, **React**, **Node.js (MERN Stack)**, **JWT**, **Swagger**, **Jest**

E-Channeling Website   GitHub Repository

- Developed an E-Channeling platform for scheduling appointments, managing prescriptions, and handling refunds, with admin and accountant panels for user and payment management.
- Tech Stack: **JSX**, **JavaScript**, **Java**

Daily Task Management (Mobile Application Development)   GitHub Repository

- Developed a daily task mobile application that allows users to add, manage, and set reminders for their tasks. Built using Kotlin and Shared Preferences for local data storage, the app ensures efficient task organization and persistence across sessions.
- Tech Stack: **Kotlin**, **Shared Preferences**

Food Runs – Mobile Food Ordering Application   GitHub Repository

- Developed a user-friendly mobile application that allows customers to browse food items, place orders, and set delivery locations. The app ensures timely and accurate deliveries with a seamless ordering experience.
- Tech Stack: **Kotlin,Shared Preferences,Figma Design**

Technical Skills

- Comfortable using tools like **Postman**, **Docker**, and **Kubernetes** for API testing and containerized development
- Proficient in **Java** and **C++** for software development, with hands-on experience in object-oriented programming
- Experienced in web development using **JavaScript**, **HTML**, **CSS**, **GoLang**, and frameworks like **React** and **Node.js**
- Familiar with **SQL** and **NoSQL** databases, including **MySQL**, **MongoDB**, and **Firebase**
- Strong understanding of version control using **Git** and **GitHub** for collaboration
- Knowledge of **Agile methodologies** for project management
- Experience in **UI/UX design principles** and front-end frameworks like **Bootstrap** and **Tailwind CSS**

Soft Skills

- **Problem-solving:** Able to analyze complex technical issues and develop effective solutions
- **Collaboration:** Experience working in teams, contributing to project goals, and communicating ideas effectively
- **Communication:** Strong verbal and written communication skills for explaining technical concepts to both technical and non-technical audiences
- **Critical thinking:** Ability to approach problems logically and make data-driven decisions

Language

- English, Sinhala, Tamil

References

Dr. Sanvitha Kasthuriarachchi
Assistant Professor,
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Information Technology,
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Ms. K. G. M. Lakmali
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