DILKA SITHARI

SOFTWARE ENGINEER

Motivated and enthusiastic undergraduate with a robust work ethic and a deep passion for coding and software development. Driven by a commitment to excellence, I thrive in collaborative environments and am dedicated to achieving goals through persistent hard work and teamwork. I am eager to leverage my skills and passion to pursue a rewarding career as a Software Engineer.

CONTACT

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TECHNICAL SKILLS

Programming Languages

- Java
- Python
- JavaScript
- C

Web Development

- HTML
- CSS
- Bootstrap
- Angular
- Tailwind CSS

Databases

- MySQL
- Node.js
- Spring Boot
- React.js

Version Control Systems

- Git

IDE

- Visual Studio
- IntelliJ IDEA
- Code Blocks
- Sublime Text

UI/UX Designing

- Figma

Project Management Tools

- Trello
- Jira

WORK EXPERIENCE

SOFTWARE ENGINEER INTERN - COMMERCIAL BANK IT, R & D (DECEMBER 2022 - JUNE 2023)

- Worked as a software engineer intern at commercial bank IT, R & D card center projects.
- Technologies : Java, Spring Boot, Angular

TRAINEE - PEOPLES BANK (JAN 2019 - JAN 2020)

- Worked as a trainee at the Peoples' Bank Okkampitiya branch.

EDUCATION

B.SC.(HONS.) IN INFORMATION TECHNOLOGY READING | EXPECTED IN 2024

- University of Moratuwa
- CGPA - 3.2 (Up to Level 4 Semester 1)

G.C.E ADVANCED LEVEL 2018 AUGUST

- Mo/Mahanama Central College
- 2B's & 1C

G.C.E ORDINARY LEVEL 2013 DECEMBER

- Mo/Mahanama Central College
- 6A's 2B's & 1C

PROJECTS

Forecasting Industry Growth for Tailored Cooperative Loan Products
Final Year Project (Ongoing)

- It centers around creating a machine learning model utilizing CSE data and financial news article data to predict corporate loan features for banks. Our model empowers financial institutions to integrate and analyze external data sources, enabling them to adapt to evolving economic conditions more effectively. By leveraging this innovative solution, banks can enhance their decision-making processes, optimize resource allocation, and refine their loan offerings. This project demonstrates the potential of machine learning in transforming banking operations and driving financial success.
- My Contribution: Sentiment Analysis
- Technologies**:** Python, NLP, Transformers

Others

- VS code
- GitHub
- GitLab
- Postman

PERSONAL SKILLS

- Problem-Solving
- Team Work
- Time Management
- Communication Skills
- Creativity

LANGUAGES

- Sinhala
- English

INTERESTS

- Traveling
- Community Service
- Reading
- Chess Playing

PARTICIPATIONS

- Hack Moral 4.0
  Mini-Hackathon
  Organized by INTECS (2022)
- Code Rush
  Intra-faculty coding competition
  Organized by INTECS (2020)

NON-RELATED REFEREES

Mr. Madhuranga Samarasinghe
IT R & D
Tech Lead
Commercial Bank of Ceylon PLC
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Dr. Chaman Wijesiriwardana
(Ph.D, MSc, BSc(Sp))
Lecturer/Coordinator in MSc in IT
Department of Information
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ATM-CRM-Stat-Ui project
Commercial Bank Project(Intern Project)

- I have contributed to a web-based software project for managing commercial bank customer card details. I specialize in developing crucial front-end components to ensure a user-friendly interface. Proficient in translating design concepts into responsive solutions.
- Contributed to the project as a front-end developer.
- Technologies: Angular, GitLab

E-Slip project
Commercial Bank Project(Intern Project)

- Contributed to backend development for the E-Slip project, specializing in API development. Designed and implemented robust solutions, ensuring seamless functionality and efficient data management.
- Contributed to the project as a backend developer.
- Technologies: Java, Spring Boot, GitLab

Fleet Management System
Second-Year Software Project(Group Project)

- A web-based software system built for construction sites to organize, manage, and coordinate the vehicles from the central information system to the desired location. My responsibilities include developing the backend and frontend components for the Reports Module and Configuration Module as well as the Allocated Vehicle page in the dashboard module.
- Contributed to the project as a full-stack developer.
- Technologies - ReactJS, MySQL, NodeJs, Git

Patient Care Taker Machine
Microcontroller-Based Hardware Project(Group Project)

- Developed a microcontroller-based hardware project designed to automate the medicine selection process for patients with long-term diseases. This innovative solution streamlines the prescription process and efficiency in medication management. By leveraging advanced technology, the project aims to enhance patient care.
- Technologies - Atmel studio, Proteus, ATmega32, C

EXTRA CURICULAR ACTIVITIES

- **Member of INTECS** | University of Moratuwa
  Faculty of Information Technology
- **Company Co-ordinato**r | Career Fair 2022
  Organized by Rotaract Club, University of Moratuwa
- **Blogger** - Medium