

CHAMOTH DEVINDA KETIPE ARACHCHI

CONTACT

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TECHNICAL & PROFESSIONAL SKILLS

PROGRAMMING LANGUAGES

- Java, JavaScript, Python

DATABASE

- MySQL, MongoDB, Firebase

TECHNOLOGIES & TOOLS

- Spring Boot, NodeJS, JPA, Hibernate, Spring MVC, Maven, Gradle, Bootstrap, Flutter, ReactJS, JSP & Servlets, Docker, Git, Strapi, Directus, Postman, Soap UI, Jira, Confluence, Keycloak, Flask, Keras, TensorFlow, Azure Boards, Selenium, Sonarqube, Adobe xd

ARCHITECTURES

- Microservices, REST APIs, MVC

NON - TECHNICAL SKILLS

- Team Management
- Self-Directed Learning
- Effective Clients Handling Skills
- Attentiveness and Patience
- Easy Adaption to Situations
- Helpful Attitude and Problem Solving Skills
- Good Public Relations Skills

SOFTWARE ENGINEER BSC(HONS) IN INFORMATION TECHNOLOGY

I am a responsible leading character who would like to work as a group, take responsibilities, and would like to face new challenges. I am Creative, Innovative, Energetic and Confident. Huge passion and constantly eagerness to learn and tackle programming languages and new technologies.

EDUCATION

June 2019 to July 2023 **Bachelor of Science Honours in Information Technology Specializing in Information Technology**
Sri Lanka Institute of Information Technology - Sri Lanka

April 2016 to August 2018 **G.C.E (A/L) Examination: Bio Science 2018 Advanced Level**
Mahanama College, Colombo 03, Sri Lanka

PUBLICATION

September 2023 **Ketipearachchi C.D., Katugampala K.D.M.N., Kumari P. A. T. H., Sewwandi S. D. I., S. Chandrasiri and L. Weerasinghe, "SoundMind: Doctor Assistive System," 2023 IEEE 17th International Conference on Industrial and Information Systems (ICIIS), Peradeniya, Sri Lanka, 2023, pp. 412-417, doi: 10.1109/ICIIS58898.2023.10253503.**

PROFESSIONAL EXPERIENCE

August 2022 to Present **Associate Software Engineer**
Arimac Lanka (Private) Limited - Colombo 03, Sri Lanka

August 2021 to August 2022 **Intern - Software Engineer**
Arimac Lanka (Private) Limited - Colombo 03, Sri Lanka

- During my Internship at Arimac, I worked closely with the product team and engineered critical modern applications with technologies like Spring Boot, NodeJS, RESTful APIs, WebFlux, MySQL, Postman etc. Built innovative microservices and efficient deployments on top of Kubernetes. Worked with authentication providers and external API service providers to Implement services such as User Management, Email Service Management, Address Management, Loyalty Management and Content Management Systems. Meantime, I have given instant guidance and support to clients and business teams when they face technical issues.

CERTIFICATES & EXTRA CURRICULAR ACTIVITIES

- Inter-Schools Under 15 Doubles Badminton Team Championship 2013 - Organized by North Western Province Badminton Association: Runners up.
- Completed Bhatkhande Sangit Vidyapith Lucknow, India PRATHMA, MADHYAMA (Instrumental - Violin) has been Placed in the First Division.
- Completed British Council CMB Spoken Intermediate - Term 4 2018 Course .
- Master Microservices with Spring Boot and Spring Cloud (Udemy)
- LinkedIn Learning Certificate of Completion in "Learning Java" by Kathryn Hodge.

REFEREES

Ms. Sanjeevi Chandrasiri

M.Sc.(IT)(SLIIT), B.Sc.(Hons)(IT)(SLIIT), MIEEE, MBCS, MIET
Senior Lecturer
Year 1 Course Leader
Department of Information Technology
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Mr. Champaka Wijayawardana

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PROJECTS

- **Dementia: Doctor Assistive System - Research Project**
Final Year Research Project of SLIIT
Led the groundbreaking research project aimed at addressing the growing public health concern of dementia, which is becoming more prevalent due to the aging global population. The Dementia Doctor Assistive System utilized cutting-edge deep learning and machine learning technologies to develop a web-based system designed to diagnose dementia patients in a clinical format and detect brain tumors and pneumonia, with a focus on how these conditions affect dementia patients.
TECHNOLOGIES USED: PYTHON, FLASK, KERAS, TENSORFLOW, NODE JS, REACT JS, GIT, AZURE BOARDS, MYSQL
- **Softlogic One Mobile Application Development Project**
Project of Arimac
This is an online shopping mobile application that is based on Microservice Architecture. I have worked on several microservices that manage user authentication functionalities, email service functionalities, address mapping functionalities, and loyalty customers functionalities. I have implemented an Email Notify Microservice that is associated with the User Microservice. I have integrated an Address Validation Method in the current Geo Microservice. I have developed a Systematic New Postman Collection and Environment Postman Collection using the given variables for the project. I was assigned to manage the Content Management System (CMS) and implemented the Loyalty Help Tickets Raising System.
TECHNOLOGIES USED: JAVA SPRING BOOT WITH GRADLE, MYSQL, NODEJS, REACTJS, KEYCLOAK, STRAPI, DOCKER, POSTMAN
- **Peoples Pay Mobile Application Development Project**
Project of Arimac
This is an online bank application that is created for the People's Bank and it's based on Microservice Architecture. I have worked on several microservices that manage User and Admin functionalities.
TECHNOLOGIES USED: JAVA SPRING BOOT, ORACLE, KEYCLOAK, POSTMAN
- **Sri Lankan Air Lines Mobile Application Development Project**
Project of Arimac
This is an online airline application that is created for Sri Lankan Air Lines. In this project, I have tested existing APIs using Soap UI and compared existing UIs for Gap Analysis.
- **Royal Rent Cars Web Application**
Project of SLIIT
Royal Rent Cars is a company that rents out all types of vehicles. We have generated a system that is compatible with Employee Management, Rental Management, Vehicle Management, and Events Reservation Management. The main objective of this project was how GitHub, Azure Boards, Selenium, and SonarQube were used for version controlling, managing, testing, and checking the code quality of the project.
TECHNOLOGIES USED: JAVASCRIPT, REACTJS, NODEJS, POSTMAN, GIT, AZURE BOARDS, SELENIUM, SONARQUBE
- **Redesigning Prototype Interfaces in the Existing Website of the National Institute of Education (NIE), Sri Lanka**
Project of SLIIT
The main objective of this project was to Design High Fidelity Prototypes for an existing website with usability issues.
TECHNOLOGIES USED: ADOBE XD
- **Restaurant Management System - PizzaMania**
Project of SLIIT
This project was industry-based and 'PizzaMania' opened its doors in 2020 and is located in Piliyandala and is a fast-food restaurant. The developed system includes eight management functions and that is based on MVC Architecture.
TECHNOLOGIES USED: JAVA, MYSQL, SEMANTIC UI, CSS, JAVASCRIPT, HTML, GIT
- **Knights Inn Hotel - Wedding Planner Android Application**
Project of SLIIT
This project was a java-based android application and this app would assist hotel staff in promoting their hotel and attracting more guests. This app lets users save time by helping them to reserve a hall, photography packages, food, and wedding vehicles.
TECHNOLOGIES USED: JAVA, FIREBASE REAL-TIME DATABASE, GIT