



Sharu Lakshmi.B

BE

Computer Science Engineering

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🐙 GitHub Profile

🌐 LinkedIn Profile

EXPERIENCE

Commvault

Current

Intern-Dev at Commvault

Coimbatore

- Technologies Used: Core Java, Spring Boot, Mockito, Git
- Designed and implemented RESTful APIs for CRUD operations on Azure objects, mapping them to internal entities for seamless integration.
- Developed comprehensive APIs for Cloud Connection and Cloud Assembly resources, including listing, retrieving, creating, and deleting Cloud Connections across AWS, Azure, and GCP.
- Enhanced security and control over public APIs by re-routing legacy APIs through a UI Gateway, replacing the Edge Server.
- Improved security by restricting access to specific APIs and prepared the system for future scalability by enabling potential rate limits on API requests per customer.
- Coordinated with cross-functional teams for a seamless transition, maintaining uninterrupted service.
- Managed source code and version control using Git, enhancing team collaboration and supporting continuous integration.

Appranix

18.12.2023 - 15.04.2024

Programmer Analyst Intern at Appranix

Coimbatore

- Worked as a part of the backend team and acquired proficiency in Linux OS and shell commands, exploring networking, file systems, databases, and server configurations.
- Demonstrated expertise in web technologies, including HTTP, WebServices, RESTful services, Servlets, JSP, XML, and JSON.
- Mastered core Java concepts, including OOPs concepts, package management, collections, exception handling, implemented multithreading, and applied object-oriented design principles. Successfully interfaced with PostgreSQL databases using Java and JDBC
- Comprehensive understanding of web technologies and J2EE for web application development. Utilized Spring framework components such as IoC, MVC, and Spring Boot across various projects.

National University of Singapore

10.12.2022- 01.01.2023

Academic Intern - Data Analytics Using Deep Learning

Singapore

- CNN Model Development and optimization(License Plate Detection and Character Recognition)
- TensorFlow-Deep Learning

Hewlett Packard Enterprises

10.12.2022 - 01.01.2023

Academic Intern

Singapore

- Model Deployment(License Plate Detection and Character Recognition)
- Microsoft Azure

TECHNICAL SKILLS

Languages : Java, C++ , C, Python

Developer Tools : Microsoft Visual Studio Code , GitHub , Git , IntelliJ , Google Colab

Frameworks : Spring , SpringBoot , J2EE , MyBatis , Django , Angular , Flutter

Cloud/Databases : MySQL , Postgres,Microsoft Azure

Build Systems : Maven , Gradle

OS : Windows , Linux

Testing : Mockito , TDD

Web : REST Services , TDD

Areas of Interest : Programming , coding and problem solving

PERSONAL PROJECTS

Detection Of Cardio Vascular Diseases From ECG Images Using Deep Learning Techniques 2024

Developed deep learning model to detect the cardio vascular diseases from ECG images.

Tools & technologies used: Python , TensorFlow , Deep learning

Music Player 2021

Developed a Music Player with attractive UI and various features

Tools & technologies used: Java , MySQL

AI Based Chat Bot Web Application 2021

Developed an AI based chat bot to answer AICTE FAQs

Tools & technologies used: Python,Django, AI

Wildlife Sanctuary Database Management System 2022

Developed an management System to maintain records of the animals , their habitats and feed in the sanctuary

Tools & technologies used: Java,MySQL

Online Pet Store 2023

Developed a management system , that allows the users to buy or adopt pets and their food and accessories

Tools & technologies used: AngularJs , Node ,MySQL

Onilne Railway Ticket Booking system 2023

Railway ticket booking system , where users can book and cancel tickets and the admin can manage the trains

Tools & technologies used: HTML, CSS, php, MySQL

Passport Automation System 2023

Developed a passport automation system where users can apply and receive their passports

Tools & technologies used: HTML, CSS, php, MySQL

EDUCATION

Mepco Schelnk Engineering College 2024

BE Computer Science Engineering

CGPA/Percentage: 8.86/10

Alagar Public School 2020

CBSE Board, TamilNadu

CGPA/Percentage: 86

Holy Cross Anglo Indian Higher Secondary School 2018

State Board, TamilNadu

CGPA/Percentage: 97

CERTIFICATIONS

Problem Solving Using Python NPTEL - ELITE *October 2021*

Programming Using C++ NPTEL *October 2022*

SOFT SKILLS

Time Management	Communication
Adaptabilty	Problem Solving
Team Work	Leadership