TAYALARAJAN

SOFTWARE ENGINEER

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SPECIALIZATION

- Java, Python, C
- Data Structures & Algorithms
- OOPS, Design Patterns, Core Java
- Spring Boot, Hibernate, J2EE
- Multithreading, JUnit
- Jenkins, Docker
- Angular, React Js, JavaScript
- Kafka, Redis
- REST API's, Microservices
- Git, Agile, JSON
- SQL, NoSQL
- HTML, CSS, TypeScript,
- MySQL, MongoDB, CassandraDB

CERTIFICATION

Statistics for Data Science & Business Analysis
Google Code Jam 2022
Google Kick Start 2022
Infosys Certified Programmer

EDUCATION

Macquarie University
Master's in Data Science - (2025)
Sri Ramakrishna Engineering College - 6.76 CGPA
Bachelor's in Information Technology - (2020)

ABOUT ME

Pursuing a Master's in Data Science at Macquarie University, I'm eager to leverage expertise in full-stack development and data science. Well-prepared for dynamic projects, I merge mastery in full-stack technologies with a passion for data-driven insights. With extensive experience in web and mobile application development, I've utilized technologies including Spring Boot, Angular, Flutter, RESTful web services, Microservices, and proficiently managed both SQL and NoSQL databases.

WORK EXPERIENCES (3+ YEARS)

Software Development Engineer (Full Stack)
Jio Platforms Limited | November 2022 - January 2024

- End to end Jio SecureId (product) with development, testing, deployment and maintenance.
- Leveraged a diverse technology stack, including SpringBoot, Angular, Oracle DB, Cassandra DB, Redis, Kafka and Microservices, to create a comprehensive and scalable solution.
- Utilised Linux environments to support project infrastructure, demonstrating proficiency in cloud services and server management.
- Demonstrated expertise in both front-end and back-end development, contributing to the project's comprehensive development process.
- Successfully integrated various technologies and tools to achieve project objectives, showcasing adaptability and technical proficiency.

Specialist Programmer (Full Stack)
Infosys | November 2020 - October 2022

- Collaborated with a 8 member team to develop an Web application using MVC architecture in spring tool suite IDE.
- Implemented end to end RESTful web services developed using Spring boot.
- Interaction with database using Hibernate & JPA.
- Designed User Interface using Angular 9.
- Managing and accessing business data using MySQL database.
- Hands on experience in Git, Jira & Maven.
- Worked in Agile DevOps environment using Azure DevOps.

Awards

Leetcode - Annual Badge 2022

Awarded the LeetCode Annual Badge 2022 for exceptional problem-solving skills and consistent participation throughout all 365 days of that year.

FREELANCE WORK - ZARK

Co-founded and collaborated with the "Zark" team on multiple successful projects.

- Notable projects include:
  - Zark: Official website of Zark
  - VVStudio: Online Salon Appointment
  - Naturepro Spira Farm: Selling Spira farm products
  - Zark Academy: Platform for learning
- Demonstrated proficiency in full-stack web development, client communication, and project management.
- Managed timelines, budgets, and resources for on-time project delivery.

Additional Project
TN-40 Stores

TN40 STORES is a virtual grocery store that enables customers to Purchase products online, Search products based on categories , Adding/Removing items to cart, Review before placing the order and Easy registration with mobile number for frequent usage.

APK : TN-40 Stores

Tech Stack

Node Js, Express Js, REST API's, Flutter, Firebase and Git.

Summer Intern (Backend)

Zoho Corporation | June 2019

- Development of E-Commerce console application was carried out on Eclipse IDE using Java programming language.
- Worked on MySQL database and connected it to the java application using JDBC.
- Implemented different functionalities based on the role of the user.

PROJECTS

Jio SecureID (Jio Platforms Limited)

Jio SecureID is a digital identity product enabling you to authenticate yourself in a highly secure manner to login to any mobile application or website. At the moment Jio SecureID can be used by users from Reliance group and its associates for specified applications integrated with Jio SecureID.

Tech stack

Spring boot, Angular 9, Cassandra DB, Oracle DB, Redis, Kafka, REST API's, Microservices, Junit, Log4j2, Hibernate, Firebase Notification, Azure devops, AWS, Jenkins, Docker

Google play link : https://play.google.com/store/apps/details?id=com.jio.secureid

App store link : https://apps.apple.com/in/app/jio-secureid/id1610736799

Web link : https://secureid.jio.com/

Auto Data (Infosys)

Auto Data (Automotive) is an application to check whether a vehicle's technical aspects are in accordance with the respective nation's government policies, also to check the condition of the vehicles based on given data and provide fixes in case of any malfunctions.
Integrated WEB API's to communicate with the server and implemented Junit Test cases to validate the API's and also to ensure the code coverage of the API's. Used Mockito to mock the data.
Played a pivotal role in the frontend development of Auto Data, utilizing Angular to create dynamic and interactive user interfaces. Designed and implemented Angular components, services, and modules to enhance the overall frontend functionality.

Tech Stack

Spring Boot, Angular 9 REST API's, Junit, Log4j2, Hibernate, MySQL, Git and Maven.