

B.A THISARA DILSHAN

FRESH GRADUATE

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SUMMARY

Energetic and passionate fresh graduate in Software Engineering with First Class honors .Strong foundation in developing high-quality software solutions, with proven problem-solving skills and technical expertise demonstrated through multiple successful projects. Effective communicator and team player, eager to bring my skills to your esteemed company and contribute to its success.

PROFESSIONAL EXPERIENCE

Trivow bussiness solutions - Associate Software Engineer

March 2024 - November 2024

- Works in two projects for insurance company in US. used technologies ReactJs, Redux, Angular, Springboot, .net
- Engineered and deployed RESTful APIs for seamless data integration
Designed and implemented REST APIs using Java Spring Boot to connect multiple in-house applications, optimizing data transfer and reducing response time by 40%. Ensured secure data handling through token-based authentication and role-based access control.
- Automated testing and code quality assurance
Developed unit and integration tests with JUnit and Mockito, achieving 90% test coverage across critical modules. Implemented continuous integration (CI) pipelines using Jenkins, resulting in 30% fewer post-release issues and faster release cycles.
- Debugging and performance optimization efforts
Utilized profiling tools like VisualVM and JProfiler to identify memory leaks and performance bottlenecks, cutting load times by 50% and enhancing user experience. Applied SQL query optimization to reduce database query time by 20%.

Successfully reduced application response time by 40% and minimized production errors by implementing strong testing and CI pipelines. Enhanced data-driven decision-making capabilities for clients, handling over 100,000 real-time data events per second, ultimately driving project success and client satisfaction.

Axiata Digital Labs - Software Engineer Intern

August 2023- - March 2024

- Developed and optimized backend APIs for telecom solutions
Wrote unit tests for multiple microservices, achieving over 80% code coverage. Employed testing frameworks to validate API functionalities, resulting in a significant decrease in integration issues and setting a standard for code quality within the team.
- Collaborated on Agile project management and issue tracking.
Used JIRA to manage tasks, track bugs, and document sprint progress. Actively participated in daily stand-ups and sprint retrospectives, aligning development efforts with project goals and maintaining smooth workflow within the Agile environment.
- Facilitated cross-functional support in client-facing meetings.
Engaged in FUT support meetings with Indonesian clients and internal teams, providing real-time backend support and addressing technical queries. Strengthened client relationships by ensuring seamless deployment and addressing specific client requirements.

Enhanced data integrity and reliability for XL COMET's backend services, leading to a 30% reduction in system errors. Established a benchmark for unit testing with over 80% coverage, which improved the quality and stability of services and set a high standard for team-wide practices.

PROJECTS

2023 Automated waste categorization project

- The University of Kelaniya partnership with the Melbourne University, Australia Training an AI model for plastic recycling factory in Australia

2022 ThogaKade Management Project

- Simple java project use to create a item management for thogakade. Technologies- java

2022 Bus reservation system-Group

- Technologies- Java, Mysql

2023 Travel Planning Application

- Travel planning cross platform application that will provide the easy way to plan a trip to travelers by providing personal recommendations.
Technologies- PHP, MySQL, Machine learning

2023 Kids Edutainment-Mobile Application-Group

- Mobile application that will give education + entertainment experience for kids, Technologies- java, firebase

2021 Mini project (Mini-Game-Bubble-Shooter)

- This is a console game developed using C++ language.

SKILLS

- **Programming Languages:** Proficient in Java, Python, . net, Angular, typescript and JavaScript; foundational knowledge of C++.
- **Software Development:** Experience in building, testing, and deploying applications with a focus on strong and efficient code.
- **DevOps & Automation:** Familiar with CI/CD pipelines(Jenkins), version control (Git), and basic knowledge of Docker for containerization.
- **Software testing :** Familiar with sonarQube and write unit testing using junit.
- **Data Analysis & Visualization:** Skilled in data analysis with experience Power BI; capable of deriving insights from complex data.
- **Problem Solving & Analytics:** Strong analytical skills with a strategic approach to problem-solving and solution-driven thinking.
- **Collaboration & Communication:** Excellent interpersonal and communication skills; experience working collaboratively in team environments.
- **Adaptability & Resilience:** Proven ability to adapt quickly to new challenges, thrive in fast-paced settings, and handle multiple priorities effectively.

EDUCATION

University of Kelaniya

B.Sc Honours Management and Information Technology 2019-2024

- **Research Publication:** "Review of effective candidate evaluation using KSA parameters " DRC2024
- **GPA-3.75/4.00.**
- Chief Coordinator hackX-5.0

Institute of Java and Software Engineering - 2020

- Comprehensive Master Java Developer
- <https://www.ijse.lk/>

GCE-Advanced Level- Vidyloka college, Galle-2019

- Maths stream
- Z-Score-1.91
- Distric Rank- 3

ACHIEVEMENTS

- **Dean's List**-Academic year 2019/2020, 2020/2021, 2021/2022 Excellence in overall academic performance.
Faculty of Science University of Kelaniya
- **Microsoft Certified**: Azure AI Fundamentals (AI-900) certification.
- **Postman** API fundamentals student expert.
- **Web Design for Beginners.**
University of Moratuwa - Jun 2022
- **Rank-80,000**
Hackerrank - Present
- **Expert award**
Kaggle user- Present

EXTRA CURRICULAR ACTIVITIES

- Slasscom facilitator. (2022)
Slasscom TechKids programme.
- Member of University Rugby Team.
(2022,2023)
University Of Kelaniya
- Collaborative Tech Lead- (2022-2023)
Demonstrated by being a team player of many projects organized by IMSSA-UOK.

REFERENCES

- **Prof. Janaka Wijayanayake**
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