

# ADITHYA AS

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## Objective

To leverage my two years of experience as a software developer cum tester to contribute effectively to a dynamic team, where I can utilize my technical skills in software development and testing to deliver high-quality products. My aim is to continue learning and growing in a challenging environment while collaborating with talented professionals to achieve project goals and exceed client expectations. As a skilled software developer proficient in PHP,Laravel,Java, C, C++,Data Structure ,JSP, J2EE, phpHTML, CSS, Bootstrap, JavaScript, MySQL, and Oracle, I am dedicated to delivering high-quality, scalable solutions that exceed client expectations. Leveraging my extensive experience and passion for technology, I aim to contribute my expertise to a forward-thinking team, collaborating on innovative projects and driving continuous improvement. Seeking opportunities to expand my knowledge and skills while making meaningful contributions to impactful software development initiative



## Experience

### Trinity Technologies

*April 2022 - Till continue*

Software Engineer

Dedicated and skilled software engineer with two years of experience in the development and Testing of robust and efficient applications. Proficient in a wide range of programming languages and technologies, with a focus on web development and data management. Proven ability to deliver high-quality solutions within deadline-driven environments. With two years of experience in " Java full stack development " and a degree in Computer Application, I bring a strong foundation in software development. During my tenure at Trinity Technologies as a Software Developer, I have successfully designed and implemented scalable, high-performance applications to meet diverse business needs. My proficiency spans across Java, J2EE, JDBC, MVC, JSP, C, CPP, HTML, CSS, PHP Bootstrap, JavaScript, and Data Structures. Additionally, I possess certifications in Data Entry and Word Processing, ensuring comprehensive skills in Word, Excel, and PowerPoint. My expertise, combined with a solid grasp of database technologies like MySQL and Oracle, enables me to deliver robust solutions that enhance operational efficiency and productivity. I am enthusiastic about leveraging my experience and knowledge to contribute effectively to your team.

Java Technologies

Java, Java Servlets, Java Server Pages JSP (Struts, JSTL, Custom Tag Libraries, Tiles), Spring online certification, JSF, , JDBC, XML , Enterprise Java Beans EJB, JNDI, Javamail, RMI, JMS, JTA, Collection API, J2EE

### Internship in Extramark Company

*August 13 2020 - January 13 2020*

Sales executive(work From Home)

Communicate company products and services via Calling and E-mail and also build relationships in order to uncover prospect needs. My job role include collecting the numbers of the children of each school and contacting all their parents personally, the company helps the students to take up the courses by telling them about the courses available and their fees and details.



## Education

**Christ Nagar College Maranalloor, Thiruvananthapuram**

2022

Bachelor of computer Applications

7.1

**Private**

2016

Data Entry

First Class

**Government Girls Higher Secondary School Neyyattinkkara**

2017

Plus Two

80%

**Government Higher Secondary School Marayamuttom**

2015

SSLC

97%



## Education-Additional Skills

I possess advanced proficiency in Microsoft Word, Excel, and PowerPoint, complemented by a Word Processing and Data Entry certificate, demonstrating my ability to efficiently manage documents, analyze data, and create impactful presentations. Proficient in Microsoft Office typically means you are able to use MS Word to edit text documents, create templates, and automate the creation of tables of content. Proficient in Excel means running and creating functions, pivot tables, and charts. Plus, you can make slideshows in PowerPoint.



## Programming Skills

- Experienced developer with 2+ years of expertise in programming languages Such as Java ,C,CPP,PHP,Data Structure,Mysql ,Word,Excel ,Powerpoint,HTML,CSS,Bootstrap,JavaScript and software development frameworks including J2EE,JSP ommitted to continuous learning and delivering exceptional results
- Proficient in C and C++, with experience in developing and optimizing real-time applications, implementing data structures and algorithms, and collaborating on projects ranging from embedded systems to software development and Gaining and Strong understanding of C++ data structures and algorithms
- Proficiency in modern C++ (C++11/14/17/20)Algorithm design and optimization.Pathfinding Algorithms,Multi-threading and concurrency control
- Proficiency with development tools (e.g., Git, debuggers) and Proficient in using C++ libraries
- Proficient in software testing methodologies and tools, with a strong foundation in Java programming for creating and executing test cases effectively
- Resourceful and determined developer with 2+ years of experience in PHP development Experience in php project Development using HTML,CSS,JavaScript,jQuery,JSON,PHP,MySQL,Git,Agile,Object-Oriented Programming
- Over 2 years of professional experience in IT (Java/J2EE technologies) and software development life cycle includes Analysis
- Experience with Object Oriented programmings such as core Java SE, including Collections API, threads, multithreading, generics, reflection, Data Structures, Algorithms, and JDBC.
- Expertise in Core Java and J2EE technologies such as JSP, Servlets, JDBC, Java Beans, JSF,JDBC and Experience with multi-threading application development, hands-on experience on advanced concepts of Java
- Experience in implementing Front end using HTML, CSS,Java Script, Bootstrap, Angular, Underscore, PHP, JSP,and, XML. Experience with UML diagrams Use - Case diagrams, Activity diagrams, Class diagrams, and Interaction diagrams.
- Proficient in development of enterprise business solutions using IBM Web sphere and Tomcat Server.
- Over 2 years of IT experience as Oracle Database Administrator and MySQL Database administrator with expertise in Installation, Configuration, Implementation, Customization, performance tuning, backup & recovery of Oracle Servers (11g, 10g, 9i, 8i, 8.0 & 7.x), MySQL server (5.5, 5.1, 5.0) in Production, Test and development Environments.



## Hard Skills

- Experienced in project management methodologies such as Agile , with a proven track record of leading cross-functional teams to deliver projects on time and within budget. Skilled in project planning, resource allocation, risk management, and stakeholder communication, with a focus on driving project success through effective collaboration and problem-solving
- Proficient in Object-Oriented Programming (OOP) principles and practices, with demonstrated expertise in designing and implementing robust, scalable software solutions using languages such as Java, C++, and PHP. Skilled in encapsulation, inheritance, polymorphism, and abstraction, with a deep understanding of design patterns and their application in software development
- Proficient in coding and debugging across multiple programming languages, including Java, C,CPP,DATASTRUCTURE and JavaScript. Demonstrated ability to write clean, efficient code and effectively troubleshoot and resolve technical issues to ensure software quality and functionality. Skilled in using debugging tools and techniques to identify and fix bugs efficiently, enhancing the reliability and performance of software applications.
- Proficient in various software testing methodologies including manual testing, automated testing, and regression testing, ensuring the quality and reliability of software products.Skilled in test automation tools such as Selenium, , test cases to improve efficiency and reduce time-to-market for software releases .Capable of creating comprehensive test documentation including test plans, test cases, and test reports, ensuring clear communication of testing processes and results to stakeholders
- Proficient in creating comprehensive technical documentation, including user manuals, system specifications, and process guides, ensuring clear communication of complex concepts to diverse stakeholders.
- Skilled in use case development through thorough requirements gathering, analysis, and documentation, facilitating effective communication between stakeholders and software development teams
- Experienced in creating Data Flow Diagrams (DFDs) to visually represent the flow of data within systems, aiding in the understanding of system architecture and identifying potential bottlenecks
- Capable of designing Entity-Relationship (ER) diagrams to model database structures, enhancing database design and ensuring data integrity and efficiency.
- Proficient in developing intuitive menu trees for software applications, enhancing user experience and facilitating efficient navigation through complex systems
- Skilled in designing structured chat interfaces for conversational applications, leveraging natural language processing (NLP) techniques to optimize user interactions and streamline communication processes
- Proficient in delivering comprehensive technical presentations to both technical and non-technical audiences, effectively communicating software architecture, design decisions, and project updates
- Skilled in public speaking, with experience presenting software solutions, technical demos, and project proposals to clients, stakeholders, and cross-functional teams
- Proficient in Test Planning and Execution,Test Case Design and Execution,Test Environment Setup and Configuration,
- Skilled in time management during presentations, ensuring that key points are effectively communicated within allotted timeframes while allowing for meaningful audience engagement
- Skilled in time management during presentations, ensuring that key points are effectively communicated within allotted timeframes while allowing for meaningful audience engagement.Knowledgeable in audience engagement strategies, including interactive elements such as live coding sessions, Q&A segments, and hands-on workshops to foster participation and learning
- Proficient in data analysis tools, with advanced skills in Excel for data manipulation, analysis, and visualization. Experienced in creating complex formulas, pivot tables, and charts to extract actionable insights from large datasets, facilitating informed decision-making.



## IDE Softwares

- Eclipse IDE for Java Developers
- Eclipse with CDT (C/C++ Development Tooling)
- Dev C++
- Borland Turbo C
- Turbo c++
- Visual Studio
- CodeLite
- NetBeans
- Oracle SQL Developer
- Code::Blocks
- PL/SQL Developer
- BlueJ
- IntelliJ IDEA
- Oracle Application Express
- Selenium IDE



## Soft Skills

- Excellent time management. -Highly organized with strict adherence to deadlines. Proficient multitasker, working well under pressure.
- Strong organizational skills with a keen eye for detailCommunication Skills
- Effective team player with strong communication and collaboration skillsConceptual Skills
- Creative Thinking Skills
- Proven ability to make decisions under pressure
- Skilled problem solver with a proactive approach to finding solutions
- Strong leadership skills demonstrated through effective communication and decision-making.
- Teamwork/Collaboration



## Certification In Technology

- 2 YEARS OF HAND-ON EXPERIENCE IN SOFTWARE ENGINEERING
- CERTIFICATIE IN WORD PROCESSING AND DATA ENTRY
- SPRING BOOT e- LEARNING CERTIFICATION



## PROJECTS

### MAJOR PROJECT -ONLINE MUSIC STORE

The main objective of the online music store is to manage the details of music, performer, album, customer;album type .It manages all the information about music. Track, Album type, Music. The main advantage of this portal is here is an option to sing and submit song by the client users. The admin panel of the music store will be music directors, film directors, and famous choreographers etc. The admin panel can verify the data send by the client user and they can communicate with them. The approved post from the clients is activated and that are available for user search. This portal helps to post small music, dance videos created by users.When a user searches for some music, it will display the entire details of that particular song, like writer, category, film, music director and lyrics in different language etc.

#### Hardware Requirement

Processor : Intel Pentium IV/AMD

RAM : 256 MB

Hard Disk : 40 GB

Drives : Optional

Display : 15” Color Monitor

Screen Resolution : 800 x 600 pixels

Color Palette : True Color (24bit)

Keyboard : PC/AT enhanced type

Mouse : Logitech PS/2 port mouse

#### Software Requirements

Language : PHP

IDE : NetBeans

Frontend : HTML, CSS, Bootstrap, JavaScript

Backend : My SQL

Web Server : Apache

Web Browser : IE/Chrome/Safari/Opera

Operating System : Windows 7 or Higher

### PROJECTS DONE

Proficient in Java, JSP, HTML, CSS, Bootstrap, JavaScript, jQuery, C, and C++, with hands-on experience in developing over 25 projects during my tenure at Trinity Technologies. These projects encompassed various domains and ranged from:

Web application development using Java, JSP, HTML, CSS, and JavaScript for dynamic content delivery.

Responsive web design and implementation utilizing Bootstrap framework for seamless user experiences across devices.

Front-end development with JavaScript and jQuery for interactive and user-friendly interfaces.

System software development in C and C++, including algorithm optimization and memory management.

Database-driven applications with MySQL, ensuring efficient data storage and retrieval.

Client-server applications employing socket programming for real-time communication.

Software testing and debugging to ensure functionality and performance meet project requirements.

Continuous integration and deployment using industry-standard tools for streamlined development workflows.



## Achievements & Awards

- Certificate for Participated in the National Webinar on “Cyber Security During Online Life and Learning” organised jointly by IQAC, The Department of Computer Science and the EDP Cell of Don Bosco College, Mannuthy as part of the Faculty Development Programme on 27th June 2020
- Certificate for participated in the webinar on Career as a Company Secretary organised by the Post Graduate Department of Commerce, Christ Nagar College, Maranalloor, Trivandrum in association with The Institute of Company Secretaries of India, Thiruvananthapuram Chapter on 25 June 2020.
- Certificate for participated in the webinar titled “Eco-Criticism: An Introduction”, organised by the Department of English, A. J College of Science & Technology, Thiruvananthapuram, Kerala at 5pm on August 03,2020.
- Certificate for participated in online workshop “Be a video editor and youtuber ” held on the 11 th july 2020 by santhigiri media school vazhithala thodupuzha
- Certificate for attending the wethinkdigital webinar on the topics “cyber crime &redressal responsible online behaviour’ on 09-07-2020
- Certificate for participated in the webinar on “NETWORKING & SYSTEM ADMINISTRATION” organized by Department of Computer Applications in association with STARC on 14th AUGUST 2020.
- Certificate for participated in the webinar on “MACHINE LEARNING” organized by Department of Computer Applications in association with STARC on 20th AUGUST 2020
- Certificate for attended the international webinar on “Choosing a career in network security” On 22nd August 2020, conducted by Department of Computer Science,National College, Thiruvananthapuram
- Certificate for participate in the webinar on”getting started with flutter ” by Mr Reshu Chandram GB ,sree narayana institute of technology managed by sree narayana education society
- Certificate for Participate in webinar on “ Machine learning :untangle the secret ” organized by department of computer science carmel college,muhamma aalapuzha
- Certificate for participated in the webinar on Stock Markets, organised by the Post Graduate Department of Commerce and the IQAC, Christ Nagar College, Maranalloor, Trivandrum, in association with Shine Projects, Hyderabad, on 25 June 2021
- Certificate for participated in the workshop on Kerala: A Good Place for Business organised by the Department of Management Studies, ED Club and the IQAC of Christ Nagar College, Maranalloor, Trivandrum, in association with District Industries Centre, on 17 September 2021.
- Certificate for participated in the National webinar on Data Analytics, Career & Prospects organised by Department of Statistics in association with IQAC Christ Nagar College, Maranalloor, Trivandrum, in connection with National Statistics day on 29 June 2021.



## Personal Details

- Date of Birth : 13/10/2001
- Marital Status : Married
- Nationality : Indian
- Gender : Female
- Place : Aruvippuram
- Permanent Address : Adithya Bhavan Ayyayil Arivippuram Po 695124
- Phone Number : 9995340966
- Nationality : Indian
- Email 2 : adithyaas.1901@gmail.com
- Place : Aruvippuram
- State : Kerala
- District : Thiruvananthapuram