

# Ali Shameem V

Kozhikode | Kerala | India

Master of Computer Applications

Rajiv Gandhi Institute of Technology, Kottayam

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🐙 GitHub Profile

🌐 LinkedIn Profile

## SUMMARY

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- Nearly two years of experience in the software industry, comprehensively covering the entire software development life cycle from requirements gathering to design, development, testing, and maintenance.
- Demonstrated capability to handle multiple projects simultaneously and perform effectively both independently and as part of a team.
- Fast learner with a keen ability to quickly grasp and utilize new tools and technologies.
- Flexible in adapting to various roles within a team setting.
- Exceptionally adaptable to new environments and situations, driven by self-motivation and a results-oriented approach, thriving as a valuable team player.

## WORK EXPERIENCE

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### Nest Digital Pvt Ltd, Kochi

(16/08/2022 – Present), Nearing 2 years

#### •Angular Development

*Nest Digital*

- In-depth understanding Angular and its associated components, encompassing modules, components, services, directives, and more.
- Designing and implementing responsive user interfaces using Angular, HTML, CSS, and TypeScript.
- Comprehensive expertise in Angular frameworks, including Angular Material, NgRx, and Angular CLI, for effectively addressing and correcting errors in development.

#### •.NET Web API Development

*Nest Digital*

- Learned the fundamentals of .Net Framework.
- Acquired foundational proficiency in performing CRUD operations, encompassing skills in handling HTTP methods such as GET, POST, PUT, and DELETE.
- Mastered xUnit and NUnit testing in .NET, acquiring the skills to create and implement robust test cases for ensuring the reliability and functionality of software components

## EDUCATION

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### •Master of Computer Applications(MCA)

*Rajiv Gandhi Institute of Technology, Kottayam*

2020-22

CGPA: 8.34

### •Bachelor of Computer Science(Bsc-CS)

*Farook College, Calicut*

2017-20

CGPA: 7.02

## INDUSTRIAL PROJECTS

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### •Policy Admin Framework (Ongoing)

June 2024

The Policy Admin Framework project comprises a core Angular application that supports various insurance lines of business. This includes a schematic tool that creates child projects based on JSON input, detailing aspects such as line of business, coverages, and other essential information for the Angular front end. A centralized .NET Web API back end serves as the data provider and application server.

- Designed and implemented the login page, sidebar, dashboard, header, and footer to ensure a cohesive and responsive user interface.
- Implemented OAuth 2.0 authentication protocols on the Angular frontend as part of a project, ensuring secure access and authentication mechanisms for users.
- Implemented the user management page with full CRUD operations (create, read, update, delete) to manage user information and roles.
- Ensured responsive design, form validation, and user-friendly navigation across the application for an improved user experience.

- I implemented CanActivate guards on the Angular frontend to enforce access control based on authentication status and user roles, ensuring secure navigation and data protection within the application
- Conducted testing for Angular applications using Jasmine, Performed backend testing using .NET xUnit.
- Technology Used: Visual Studio, C#, MSSQL, TypeScript, Angular Schematics, HTML, CSS, Bootstrap, ASP.Net Web API, Jasmine, xUnit

#### •ERC Import- C#winform

Feb 2024

The scope of the ERC Import Windows application was to establish a standardized system for extracting, migrating, and managing data from XML files into a database, ensuring efficient data integration, cleanup, and accessibility for system administrators. This WinForms C project involved implementing methods to extract data from XML files, adding this data to the database, developing cleanup routines for country-wide and state-wide XML files, and handling logging for the data migration and cleanup processes.

- Developing methods to extract detailed information from country-wide and state-wide XML files using XPath and adding this data to the corresponding system tables in the database.
- Implementing cleanup routines for the data extracted from country-wide and state-wide XML files, ensuring efficient removal of the data.
- Implementing error handling mechanisms to manage invalid or corrupted XML data during extraction and cleanup tasks.
- Optimizing XPath queries and database operations for efficient data fetching and storage, ensuring the system handled large datasets and XML files effectively.
- Implementing logging mechanisms to track data migration and cleanup processes, providing valuable insights into the system's operations and aiding in troubleshooting issues.
- Testing to ensure reliability and accuracy of the data extraction, storage, and cleanup tasks.
- Technology Used: Visual Studio, C#, log4net, Git

#### •AUTO PAS

May 2023

An automobile policy administration system focused on providing insurance for a wide range of registered vehicles.

- Contributed to the implementation of key UI components, including PolicySummary, PolicyFolio, Transaction, etc., based on required specifications.
- Implemented various .NET APIs performing CRUD operations required for corresponding modules.
- Implemented a standout feature: generation of PDF notices for cancellations.
- Successfully integrated transaction functionality into the system, ensuring a robust and efficient workflow.
- Technology Used: Angular, MySQL, .NET

### PERSONAL PROJECTS

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#### •Vendor Mapping Application

This Android application helps to map a nearby stores based on specific product requirements.

- Facilitating users' logins to App without remembering credentials
- Used Live Location detection techniques to Get latest Location of User.
- Technology Used: Java, MySQL

#### •Connect 4

Connect 4 is a Python based multiplayer game in which the players matches four coins of same color.

- used Python's PyGame Library to develop the User Interface for the game.
- Technology Used: Python, PyGame.

#### •Food Bank Community

This Android Application allows users to instantly donate food to those in need.

- Donor can donate the food and Recipient need to accept to confirm the donation.
- Volunteer can deliver the food for free if they are willing.
- Technology Used : Python , SQL.

### TECHNICAL SKILLS AND INTERESTS

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**Languages:** C/C++, C#, C#winform SQL, Javascript, Tailwind CSS

**Web Dev Tools:** Nodejs, VScode, Git, Github

**Frameworks:** .NET, Jasmin, xUnit

**Databases:** Relational Database(mysql, msSql)

**Testing:** Jasmine, nUnit, xUnit

**Areas of Interest:** Web Design and Development, API Development, Back-end Development

### CERTIFICATIONS

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- C++ Development: Advanced Concepts, Lambda Expressions, and Best Practices
- C++ Standard Template Library
- Angular Essential Training
- Angular basic certificate - HackerRank
- C Essential Training
- C Advanced Topics
- Programming Foundations: Software Testing/QA
- Programming Foundations: Object-Oriented Design
- Programming Foundations: Databases