

SHUBHAM ANAND

+917355996772 ✉ anandsr005@gmail.com [in linkedin.com/in/shubham-anand-1005](https://www.linkedin.com/in/shubham-anand-1005) [github https://github.com/sanand8](https://github.com/sanand8)

Education

NIT CALICUT

2017 – 2021

B.Tech in Computer Science | CGPA : 6.78

J.N.V Kottayam

2015 – 2017

Class XII (CBSE), Aggregate: 86.80 %

J.N.V Allahabad

2014 – 2015

Class X (CBSE), CGPA: 8.8

Experience

Software Engineer at ITRON Inc.

July 2021 – Present

Working as a software developer in Action Manager Team which handles exception management, backup, restore etc.

Senior Lab Admin at NIT Calicut

July 2019 – April 2021

System maintenance and configuration. Installed different kind of OS providers on 800+ new dictation system.

Projects

Action Manager (AM)

The project focused on developing a comprehensive exception management system to improve efficiency and reliability. Additionally, several enhancements were made to the existing workflows, along with bug fixing and feature additions in both the backend and frontend projects

- **Dynamic Workflow Step Decision Making and Routing:** A dynamic workflow step was designed and implemented to make decisions based on given parameters and intelligently route the workflow to the appropriate step. This enhanced the flexibility and adaptability of the workflow, allowing for seamless progress based on specific conditions and requirements
- **Alert System:** Created alerts for services, Kubernetes pods, and Azure SQL server, enabling timely notification of any issues or anomalies.
- **Web App Performance Improvement:** Optimized the performance of the Action-Manager web application, ensuring faster response times and a smoother user experience.
- **Step Filtering:** Developed a step filter feature that allows users to view different types of steps based on their requirements, enhancing the visibility and control of workflows.
- **Workflow Cleanup Script:** Created a SQL script that clears existing workflows based on tenantId and removes outdated workflows, ensuring a clean and efficient database.
- **Message Broker Replacement:** Replaced RabbitMQ with Azure Service Bus as the message broker, enhancing reliability, scalability, and integration capabilities.
- **Fortify issues and azure pipelines:** Successfully addressed security vulnerabilities by resolving Fortify issues and optimized the Azure Pipelines for seamless integration and automation. By conducting rigorous code analysis and remediation, the application achieved enhanced security measures while improving efficiency in software development, testing, and deployment processes.

Technical Skills

Technologies: ASP.Net Core, .NET Core

Cloud Technology: Kubernetes, Docker, Azure Service Bus, Application Insights, App Insights Availability, Azure SQL MI

Languages: C#, JAVA, SQL, C

MISCELLANEOUS: AzureDevOps Build pipelines, Release pipelines, RabbitMQ, OOPS, Data Structure and Algorithms

Position of Responsibility

- Features/Fixes are to be provided whenever raised around AM app.
- Constantly monitors the services that revolves around AM app.

ACADEMIC AND EXTRACURRICULAR ACHIEVEMENTS

- System Software Laboratory Admin at NIT Calicut.
- Qualified in All India DAKSHANA selection test