SHUVANKAR SARKAR

Technical Lead

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Objective: To work in an opportunity where I can demonstrate and enhance my technical knowledge coupled with domain expertise for the benefit of the organization and myself.

Work Experience

Senior Consultant
Infosys *(Jan, 2024 – Present)*

Assistant Consultant
Tata Consultancy Services *(Oct, 2015 – Dec2023)*

Senior Software Engineer
Atos *(June, 2010 – September 2015)*

Certification

- Google Cloud Certified Professional Cloud Architect
- Google Cloud Certified Professional Cloud Developer
- Google Cloud Certified Associate Cloud Engineer
- Google Cloud Certified Cloud Digital Leader
- Oracle Cloud Infrastructure Foundations 2021 Associate
- Professional Scrum Master I
- Certified Ethical Hacker
- Microsoft Certified Solution Developer: App Builder
- Microsoft Certified Solutions Associate: Web Applications

Education

MTech in Software Engineering (Bits)
Birla Institute of Technology & Science, Pilani
July, 2021 - June, 2023   **CGPA: 8.43**

BTech in Computer Science & Engineering (WBUT)
Kalyani Government Engineering College, Kalyani, WB
July, 2006 - June, 2010   **CGPA: 8.5**

Higher Secondary (WBCHSE)
Ramakrishna Mission Vivekananda Vidyamandir, Malda, WB
2004 - 2006   **Percentage: 77.5%**

Key Skills

Web Tech: Angular, HTML5, CSS3, JavaScript, Ajax, jQuery

Language: Java, C#.NET, PHP, Python

Database: Oracle, SQL Server, MySQL

Cloud: Oracle Cloud, GCP

Framework: Spring Boot, Spring MVC, WordPress

Tools: Jira, New Relic, Git, Jenkins, Eclipse, Visual Studio, PHPStorm, MS SQL Server, Oracle SQL Developer, UIPath

Aware of
python, SOLR, Redis, Tableau, JSON, Android, VBA, NodeJs, Shell Script

Achievements

- 2nd in TCS Best Ethical Hacking Contest 2022

- 1st in TCS Best Ethical Hacking Contest 2020.

- Star member award in TCS.

- Accolade Bronze Award at Atos for good performance in 2012, 2013, 2014 and 2015.

- Won first prize in Website Development Competition in Techno India College at 2010

Online CV

My online CV (developed using impress.js) -
https://shuvankar.com/cv

Interest

Computer Security

Activities

- Collaborate with Business for Requirement Gathering, Story Building, Prioritization, Estimation, and Sprint Planning.
- Build detailed solution design that addresses the identified requirements.
- Established Agile process in project and working as a Scrum Master. Given training to other teams to establish Agile Methodology in projects.
- Set up and Manage Agile Boards (Kanban, Scrum) to manage Project Sprints.
- Expertise in Full-Stack application development.
- Create Proof of Concepts to find feasibility of the proposed solution.
- Security Deployment Leader in Account. Incorporate security best practices in projects.

- High Level and Low-Level System Design. Prepare Functional and Technical design documents that are followed in the Project Development task.
- Worked as a Team Lead for Supporting & Maintenance the application.
- Experience in basic DevOps operation using Jenkins.
- Provide technical guidance to development teams throughout the project lifecycle.
- Identify potential risks and challenges associated with the solution's design and implementation.
- Setup monitoring system (NewRelic) for application and server monitoring.
- Played a pivotal role in ISO audits and internal audits, ensuring compliance with software quality and security standards

Projects

Self Service Developer Portal

Self service developer portal that will be used to provision different systems (like GCP machines, Mainframe instances). Integrate with different services to generated reports for higher management.

Technology: Java Spring Boot, Angular, GCP. Apache Superset.

- Design API in Spring Boot.
- Build integration with different APIs.
- Worked as Individual Contributor.
- Design web pages using Angular.
- Integration with GCP to manage Compute Engines.

RestAPI service for integration

API service to communicate with different systems for different business process. This application can accept request from other service and triggers Jenkins jobs for batch processing

Technology: python, groovy

- Develop API in python.
- Build Jenkins job for batch processing.
- Integrate with different services.

Robotic Process Automation

Automate various manual tasks and processes in the Backoffice application using Robotic Process Automation (RPA) technology. The project aimed to enhance operational efficiency, reduce human errors, and improve overall productivity in the Backoffice environment.

Technology: UIPath.

- Technical Lead of the RPA Team
- Design solution for the automation use cases.
- Scrum Master. Manage the agile process while developing the automation.
- Requirement gathering and process analysis.
- Training and knowledge transfer.

Permission Management System

Leading US based education company manages permission of assets in this system. The application calculates the usages of the assets and generate contracts.

Technology: Java, Angular, Oracle, Oracle Cloud, Spring MVC, Redis, Tomcat, Tableau, IICS.

- Leading the team and make sure task are delivered on time.
- Architect the solution and technical design of new enhancement.
- Requirement gathering and story grooming.
- Support existing application and bug fix.
- Sprint Planning.

Oracle Cloud Movement

Migrate the application servers from On Premises to Oracle Cloud. Oracle OnPrem database is migrated to Oracle Cloud Autonomous Transaction Database.

Technology: OCI, Java, Oracle

- Setup application in oracle cloud servers.
- Fix issue due to database upgrade to cloud.
- Performance test for application performance comparison.
- Tune the server configuration for optimal cost-effective performance.

EFT Integration

EFT Arcus is managed file transfer solution. Worked in EFT integration with the application to provide the facility to the user to upload the file to the application via EFT UI.

Technology: Java, EFT Arcus, Appwrox

- Design the solution.
- Build the EFT integration.
- Develop job and schedule in Appwrox to process the file periodically.

Script Library Portal

A web application where admin can configure the reports using predefined SQL query. User can request the report with input data. This is used for not only report generation but for data update as well.

Technology: C#.NET, SQL Server.

- Architect the solution.
- Develop base code framework.
- Design the website.

Rights Management System

The application is used by an education company to manage rights of their purchased assets.

Technology: VB.net, ASP, Oracle

- Lead the Support Team.
- Feature enhancement of the system.
- Bug fixes and BAU activities.
- Application support and monitoring.
- Developed macro based excel report to fetch data from database.

Royalty Management System

Calculate royalty of author and process the author statement to different systems.

Technology: C#.net, SQL Server, SSIS

- Automate BAU activities to speed up the process.
- Feature enhancement of the system.
- Application support and monitoring.
- Build scripts for several data fix and complex reports.

Application Integration Framework

AIF is pricing solution and used as a middleware in entire BP process. Batch Services are used for data manipulation and Websites are there for data display to the customer. As price related data is handled, it's a very critical application.

Technology: C#.net, SQL Server

- Develop batch programs for transition data to different systems.
- Configure SMS gateway to send specific system alert to 24x7 On-Call support team to handle critical issues.
- Design dynamic website for multiple user role.
- Monitoring and Production Support.
- System enhancement and fix critical bugs.

Gas Management System

This is a custom PHP framework which is used in worldwide BP system and all petrol pumps.

Technology: PHP, Oracle

- Design rich UI using HTML, CSS, Javascript which is using in BP petrol pumps.
- Manage task assignment to team, Groom new resources, Coordinate with front office
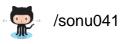- 24x7 OnCall Support.

Shuvankar.com

Personal Website with Blog. Designed custom WordPress theme. shuvankar.com

Technology: PHP, MySQL, WordPress

BongStick App

BongStick is an android application to share Bengali stickers in WhatsApp. bongstick.com

Technology: Java

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