Umar Masood

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PROFESSIONAL PROFILE

Results-driven Associate Software Engineer with 2 years of experience in Appian development, low-code solutions, and web-based application development. Specialising in workflow automation, business process automation, data mapping, and AI integration.Skilled in process design, data modelling, and system integration, I have played a key role in the digital transformation of enterprise-level applications at Allure Digital, particularly for a US-based Private Equity Firm. An extroverted professional, I am passionate about tackling new challenges and committed to continuous learning, with a long-term vision of making a significant impact in the BPM and software development industry.

CORE COMPETENCIES

- Appian Low-Code Development
- Workflow Automation (Appian)
- Database Design (mysql)
- UI/UX Design

- REST API Integrations
- Python(django)
- Data Mapping

- AI Integrations
- Debugging & Troubleshooting Appian Interfaces

RELEVANT EXPERIENCE

Associate Appian Developer, *Allure Digital*,Islamabad   November 2023 – Present

- Building and configuring Appian objects, including record types, actions, interfaces, and process models, to create efficient workflow automation and business process automation solutions, ensuring data mapping and integration from source to target systems.
- Collaborating with stakeholders to design and implement workflows that optimise business processes, leveraging Appian's low-code platform.
- Collaborating on the design of user-friendly interfaces in Appian, incorporating best practices in UX writing, HTML/CSS development, and debugging interfaces to ensure efficient functionality and smooth user experiences.
- Participating in project management activities using Scrum or Kanban methodologies, contributing to the timely and efficient delivery of Appian solutions.
- Debugged complex issues in Appian interfaces and process models, ensuring efficient operation and timely resolution of errors to minimise downtime.
- Acquiring updated knowledge of low-code automation technologies, including Robotic Process Automation (RPA) and Business Process Management (BPM) tools such as Appian.

Project and Achievements

Workflow Management System

An enterprise-level application developed for Private equity Firm Operations within Appian. This system provided different departments with an autonomous, streamlined workflow solution, eliminating manual processes. It utilised every aspect of Appian, including connected systems, integrations, web APIs, process models, interfaces, and record types, making it a comprehensive and efficient tool for daily operations.

I contributed by working extensively with Gmail and Outlook APIs, leveraging Appian objects like record types, process models, and interfaces, while integrating REST-based services to deliver a robust email management solution. Applied knowledge of API integrations and data mapping to streamline communication workflows.

InvesDocs

Developed An Email management system within Appian, integrating Gmail and Outlook to streamline email operations for a US-based finance team. The system allowed users to assign labels, select categories, set status and priority, manage due dates, and more. I contributed by working extensively with Gmail and Outlook APIs, leveraging Appian objects like record types, process models, and interfaces to deliver a robust email management solution.

Employee Service Portal

Contributed to a team project that developed an employee service portal in Appian, featuring modules for leave management, payroll generation, and employee onboarding/offboarding. I played a key role in designing the process workflows and database structure, ensuring the portal leveraged the full functionality of Appian to provide a seamless and integrated experience for both HR and employees.

Education

Bachelor of Science in Computer Engineering Namal University Mianwali   2019-2023
   Data Structures and Algorithms, Computer Communication Networking, Database Engineering,
   Introduction to Machine Learning

Certifications
- **Appian Certified Associate Developer**
- **Coursera: Natural Language Processing by DeepLearning.AI**
- **Microsoft Certified: Azure AI Fundamentals**

Featured Projects

1.Performance Management System for Managers
   Developed a comprehensive performance management system that allows managers to rate employee performance based on survey questions. The system also incorporates peer feedback for every question, providing a holistic view of employee performance. This project enables objective performance evaluations by combining managerial ratings and peer reviews, improving fairness and transparency in assessments.

   Key Features:
- Custom survey builder for managers.
- Peer review integration with real-time feedback.
- Dashboard for performance analytics and insights.

2.Azure GPT Email Labelling Automation
   Developed a backend automation trigger that utilises Azure GPT to automatically analyse and label incoming emails based on their content. The system intelligently categorises emails into relevant categories, enhancing email organisation and workflow management. This automation reduces manual effort and ensures accurate email sorting.

   Key Features:
- Content-based email analysis using Azure GPT.
- Automatic categorization and labelling of emails.
- Seamless integration with existing email systems to streamline workflows.

3.Text-to-Video Generation for Company Decks and Announcements (Elai AI Integration)
   Built a text-to-video generation system within the Appian platform by integrating the third-party system, Elai AI. This system enables the creation of company decks and announcements by converting text inputs into professional videos, streamlining internal and external communication processes.

Key Features:
- Seamless integration with Elai AI for text-to-video conversion.
- Automated generation of company decks and announcements.
- User-friendly interface for inputting text and managing video content.
- Customizable templates for consistent branding and messaging.