Mohammad Tuseef Arif
Senior Software Engineer

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Professional Summary

Software Engineer with 5+ years of experience in software development and design. Skilled in PHP, Linux, Apache, SugarCRM, and SuiteCRM (customizations, integrations, RESTful API development, upgrades, and migrations), as well as JavaScript, jQuery, React, Next.js, and TypeScript. Strong creative and analytical abilities with a passion for delivering innovative solutions and expanding knowledge in modern technologies.

Technologies

- **Programming Languages:** PHP, JavaScript, JQuery, React JS, Next JS, V8 APIs
- **Backend Frameworks:** LAMP Stack (SuiteCRM, SugarCRM), MERN Stack
- **Development Environment:** Visual Studio, VS Code, Cursor, Postman
- **Version Control:** GitHub, GitLab, CI/CD Pipelines
- **Databases:** MySQL, MongoDB
- **Testing Framework:** PHPUnit
- **Logging Framework:** LoggerManager for Suite/SugarCRM
- **Cloud & Deployment:** S3 Bucket , AWS Server Deployment & Management

Work Experience

Senior Software Engineer: Rolustech   July 2021 – March 2026

Main Responsibilities

- Analyze client requirements to propose effective software solutions.
- Handle client calls and prepare RFQs to deliver tailored business solutions.
- Conduct code reviews of team members to ensure quality, performance, and adherence to standards.
- Design and develop custom modules, dashlets, layouts, and views within SugarCRM & SuiteCRM architecture.
- Perform migrations of SuiteCRM, SugarCRM, and third-party system integrations (Outlook, QuickBooks, Twilio, Gmail, Zoom, Google Sign in, Stripe, Mpesa)
- Develop and deploy custom plugins to integrate with external business applications, incorporating Amazon S3 bucket storage for data handling.
- Build and integrate WordPress websites with SuiteCRM for seamless data flow and optimized customer engagement workflows.
- Automate lead capture processes by integrating data pipelines from external lead generation tools into CRM, streamlining sales workflows.
- Manage AWS Ubuntu server deployments, ensuring application scalability, secure cloud operations and automated CI/CD Pipelines via GitHub actions and docker.
- Deliver projects using Agile/Scrum methodology, coordinating with teams through Redmine, Jira, and Slack to ensure timely and efficient delivery.

Projects:

- **<u>Savo Store</u>**: Built a fully responsive customer portal for an international shipping company (USA to Kenya) with over 60k+ active users, using Next.js 16 (App Router), React 19, TypeScript 5, Tailwind CSS 4, and SuiteCRM v8 RESTful API with OAuth2 authentication and paginated data fetching. Features include multi-method auth (Email/Password, Google OAuth via NextAuth), order management (Buy & Ship, Shipping Only), order tracking, invoicing, payments, rewards, address management, and profile management, with Radix UI, Yup validation, and enforced code quality via ESLint, Prettier, Husky, and lint-staged.
- **<u>Smart Manager</u>**: Built a full-stack web application with a React frontend and CRM-based backend to track projects, tasks, and team member workloads in real time. Implemented features like project status dashboards, assignment workflows, and activity logs to improve transparency, coordination, and overall team productivity.
- **<u>Indiana Memorial Group</u>**: Implemented and customized a large-scale SuiteCRM for a US & Canada funeral services provider (450+ users). Designed role-based access control and managed 400K+ leads with automations, including email/SMS notifications, meeting reminders, duplication warnings, and integrations with Gmail, Twilio, and Click-to-Call.
- **<u>MetaOps</u>:** Implemented a complete SuiteCRM solution for a recruitment agency, including the MetaExperts portal and job seeker website (metaexperts.com). Integrated website lead capture directly into SuiteCRM workflows. Supported 70+ active CRM users with automations and integrations (Twilio SMS & Calling, Outlook & Gmail, Zoom).
- **<u>Qivalo</u>**: Managed SuiteCRM migration, ensuring smooth data and workflow transition. Designed and implemented client-specific email and SMS automation. Integrated SuiteCRM with Amazon S3 for storage and file management.
- **<u>Centre de Thermographie</u>:** Customized SuiteCRM views and layouts to meet business requirements. Integrated QuickBooks Online (QBO) for financial workflows. Implemented Twilio SMS automation for customer communication.
- **<u>Murano</u>:** Customized CRM themes and views to align with client branding and user experience needs.
- **<u>25 Again</u>:** Implemented a complete CRM setup for a healthcare service provider. Designed email automation workflows and integrated Twilio SMS/call features to enhance client engagement
- **<u>Accelerent</u>:** Developed multi-directional contact synchronization across multiple platforms. Used Microsoft Graph API to enable bi-directional data sync for 25+ users, ensuring Outlook and CRM data consistency.

Education

- **MCS in Computer Science (GPA 3.43/4.0)**

  Punjab University College of Information Technology   2019 – 2021
- **Bachelor of Science**

  Punjab University College of Information Technology   2014 – 2016

Certifications

- **Certified Sugar Developer Specialist** – SugarClub