Muhammad Saad

Software Engineer

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Trainee Software Engineer with experience in Flutter for mobile and Vue.js for web development. Skilled in CI/CD automation using Jenkins, REST API integration, and app deployment. Passionate about building scalable, high-performance applications and optimizing development workflows for efficiency and reliability.

Work Experience

Software Engineer Trainee
TechSol360 | BMCHS Sharafabad, Karachi

Feb 2025 - Present

• Developing and optimizing Flutter mobile applications and Vue.js web applications.
• Implementing CI/CD automation using Jenkins for Android builds.
• Managing Google Play Store deployments, ensuring version control and compliance.
• Working with REST API integration, authentication mechanisms, and state management (Provider, Vuex).
• Debugging, testing, and enhancing application performance, security, and scalability.
• Collaborating with designers, backend developers, and DevOps teams in an agile environment.
• Researching and applying best practices in mobile/web development and DevOps automation.

- Advanced Flutter Development (Android, IOS & Desktop)
- Vue.js Web Development
- CI/CD Automation (Jenkins, GitHub Actions)
- Google Play Deployment & App Versioning
- Security & Performance Optimization
- Backend API Integration & Authentication
- Agile Development & DevOps Collaboration

Software Engineer Intern
TechSol360 | BMCHS Sharafabad, Karachi

Jul 2024 - Jan 2025

• Assisted in the development of Flutter-based mobile and Vue.js web applications.
• Integrated REST APIs and implemented state management solutions for efficient app performance.
• Contributed to performance optimization, debugging, and code refactoring.
• Assisted in testing, documentation, and code reviews to ensure quality standards.
• Worked in an agile environment, collaborating with cross-functional teams to improve application functionality.

- Flutter Mobile Development
- Vue.js for Web Applications
- REST API Integration & State Management
- Testing, Debugging, and Code Reviews
- Agile Development & Teamwork

Projects

UniConnect

Sep 2024 - Jun 2025

University Final Year Project, UniConnect is a full-stack web application designed to simplify and secure the university admission process by providing a centralized platform for students and institutions. One stop solution for students. It enables secure student registration, document submission, admission tracking, institute management, and student-institute interaction.

The platform is built using the MERN stack (MongoDB, Express.js, React.js, Node.js) ensuring a responsive, efficient, and scalable solution.

Core Skills

Frontend: HTML, CSS, Bootstrap, Vanilla Js, React Js, Vue Js, Flutter

Backend: Node Js, MySQL/MS SQL SERVER, Express Js, MongoDB, .NET MVC

DevOps & Deployment: Jenkins (CI/CD), Git (Version Control), App Deployment

Education

SZABIST
Oct 2021 - Aug 2025

Bachelors Computer Science

Bahria College
Jul 2019 - Jul 2021

Intermediate Commerce

DA SKBZ College
Jul 2017 - Jul 2019

Matriculation Computer Science

Certificates

Programming for Everybody (Getting Started with Python)
Sep 2022

University of Michigan (Coursera)

AI For Everyone
Feb 2023

DeepLearning.AI (Coursera)

HTML, CSS, and Javascript for Web Developers
Feb 2023

Johns Hopkins University (Coursera))

HTML Certification Test - YouTube Course
Mar 2024

KG Coding

CSS Certification Test - YouTube Course
Mar 2026

KG Coding

React and Redux Certification Test - YouTube Course
Jul 2024

KG Coding