



jihad r hamza

Solution Architect

Results-driven Solution Architect with over 18 years of expertise in software design, development, and delivery. Skilled in architecting scalable, reusable solutions following best design principles, while driving teams to adopt the right engineering practices. Hands-on experience in Cloud platforms and DevOps, with a proven track record of delivering high-quality, resilient systems

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📄 stackoverflow.com/users/1068125/jrh

SKILLS

Java J2EE Android Terraform AWS Azure DevOps SpringBoot Flutter HTML CSS
Javascript React Native Flutter Database Microservices

WORK EXPERIENCE

Principal Software Engineer

ADCB Bank, Abu Dhabi

03/2023 - Present

Abu Dhabi, UAE

Achievements/Tasks

- Led end-to-end DevOps implementation, including the setup of CI/CD pipelines in Azure DevOps and GitHub, integrating security measures such as SAST and SCA, and establishing automated pull request review workflows and branching strategies .
- Played a pivotal role in migrating on-premise banking applications to AWS Cloud, focusing on platform engineering and cloud architecture . Drove application modernization initiatives by introducing reliable RDS failover solutions, advanced cache management, and secure pod-to-pod communications .
- Conducted performance benchmarking using JMeter, executed load tests, and recommended optimizations to increase concurrent user capacity and system resilience .
- Engaged in cross-functional resource planning to select optimal compute, storage, and deployment strategies for diverse workloads.

Consultant

Tata Consultancy Services, Dubai

07/2022 - 03/2023

Dubai, UAE

Achievements/Tasks

- Served as Solution Architect for a leading Dubai bank, designing end-to-end solutions for Internet and Mobile banking channels, ensuring scalability and alignment with strategic business goals.
- Collaborated with product owners during sprint grooming, analyzed business requirements, assessed system impacts, and identified capability gaps to propose effective solutions.
- Conducted solution walkthroughs with development teams, ensured adherence to architectural standards, and aligned implementations with the bank's long-term roadmap.



WORK EXPERIENCE

Architect, Mobility

Cognizant Technology Solutions, Abu Dhabi

07/2014 - 06/2022

Abu Dhabi, UAE

Achievements/Tasks

- Solution Architect/Tech Lead for a leading Abu Dhabi bank, responsible for designing, reviewing, and implementing channel solutions. Managed end-to-end delivery from design to production, including SIT, UAT, and support. Key contributions include credit card onboarding journeys for seamless customer experience.
- Served as Kony Technical Architect for a major bank in Abu Dhabi, designing the overall architecture and best practices for Internet and Mobile banking platforms using Kony Free-form and MVC frameworks. Developed reusable components and utilities aligned with the Single Responsibility Principle, ensuring scalability, maintainability, and faster delivery.
- Led R&D initiatives by integrating Amazon Lex for intelligent chatbots on Android. Developed PoC solutions connecting Android and Tizen watches with Kony 5.x apps, enabling seamless multi-device experiences and enhancing the bank's digital channel capabilities.
- Mentored and guided team members by providing effective solutions to technical challenges, fostering collaboration and improving overall delivery quality.
- Consistently recognized by clients for dedication, high-quality contributions, and successful project delivery.

Technology Specialist, Mobility

Cognizant Technology Solutions, India

02/2012 - 07/2014

Cochin, India

Achievements/Tasks

- Led Android development for a healthcare product, designing the base code structure to accelerate module development.
- Implemented ORM libraries and a network-layer parser for seamless module interaction, and built offline capabilities for all web services to ensure consistent app functionality.
- Actively contributed to project design feasibility and estimation discussions, and supported RFPs by providing optimal solutions and project planning inputs for clients.
- Certified in Kony Mobile Platform; completed a one-month Tech Lead Bootcamp at Kony and conducted training sessions at Cochin Mobility to enhance Kony capabilities within the center.

Sr. Software Engineer

Sourcebits Technologies

01/2011 - 02/2012

Bangalore, India

Achievements/Tasks

- Led Android development projects, contributing to feasibility analysis, effort estimation, and guiding the team in adopting effective problem-solving approaches to improve project delivery.
- Designed and implemented reusable components and a robust web service layer, enhancing modularity and maintainability across multiple application modules.
- Developed custom widgets to meet complex UI/UX requirements and implemented push notification features for remote device control and improved user engagement.
- Worked on Glassfish server for web service deployment and conducted performance tuning using JMeter, optimizing server efficiency and response times under load.

Software Engineer

Mindtree Wireless Pvt Ltd

07/2010 - 12/2010

Bangalore, India

Achievements/Tasks

- Worked on a major mobile device project, implementing global search for gallery images and customized camera features at the framework level.
- Explored and analyzed Android APIs and framework source code to implement application-level functionality.
- Developed solutions to enhance mobile application performance, usability, and user experience.



WORK EXPERIENCE

Software Associate

L&T Infotect Pvt Ltd

08/2007 - 07/2010

Mysore, India

Achievements/Tasks

- Worked on the plugin layer to provide APIs for J2ME, BlackBerry, and Android platforms, enabling seamless multi-platform functionality.
- Implemented APIs for a social networking application, enabling user login, registration, friend connections, and content sharing on the user wall.
- Developed features for the IMPS Chat application on low-end devices by optimizing app size and memory usage, and contributed to game porting across multiple platforms.

Software Programmer Trainee

Rajahsoft Pvt Ltd

12/2006 - 06/2007

Guruvayur, India

Achievements/Tasks

- Started career as a trainee, gaining hands-on experience in software development.
- Worked on bug fixing and issue reporting, improving application stability and performance.
- Implemented user interface views, contributing to enhanced functionality and user experience.



LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Malayalam

Native or Bilingual Proficiency

Arabic

Elementary Proficiency



CERTIFICATES

AWS Architect Associate

Demonstrates expertise in designing and deploying scalable, highly available, and fault-tolerant systems on AWS cloud.

Azure Fundamentals

Azure Cloud fundamentals for beginner in cloud architecture

Profession Scrum Master (PSM1)

Scrum.org – Professional scrum master level 1 certification – for Agile practices

Togaf Training - Simplilearn

Completed enterprise architecture framework training for designing and managing IT architecture.

Kony Certified Application Developer

Expertise in developing mobile applications on the Kony platform.

Flutter development bootcamp with dart

Udemy certification on completing in 28 hours on Flutter bootcamp with assignment



HONOR AWARDS

Topper of MSc Computer Communication (04/2006)

RVS CAS, Coimbatore - India

- Topper of the MSc Computer Communication 2006 batch

First prize in Software debugging - Infomatix (2005)

RVS CAS, Coimbatore – India

- Got first prize in software debugging in the IT event, organized by College - RVS CAS, Coimbatore

Best Employee of the year, 2013

Cognizant Technology Solutions

- Got the best employee award in 2013 for my contribution towards mobility as well as for mentoring the team members.

Employee of Quarter Award

ADCB Bank, Abu Dhabi

- Recognized for outstanding performance, leadership, and contribution to project success.



EDUCATION

MSc Computer Communication

RVS College of Arts and Science

04/2004 - 04/2006

Coimbatore, India