KUSH KUMAR DHAWAN

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TECHNOLOGY CONSULTANT | PRESALES CONSULTING | FULL STACK JAVA DEVELOPER
Experience: 6 Years | Onsite

Techno-Management Professional

A multi skilled techno-management professional having BE, possessing 6 years of vast experience of coordinating and managing all activities of IT software development, e-Governance, Mission Mode Projects, Change Management, Operations & Implementation in Government and commercial projects by taking ownership and ensuring that all requirements are fully met. Comfortable working on large scale projects, well organized, able to multi-task, passionate desire to excel against demanding client expectations, and is more than willing to take charge of the end-to-end delivery of software development/project lifecycle. Having active commitment to continuous improvement and quality standards, and works hard to create a positive atmosphere that motivate others and built team spirit.

PROFILE SUMMARY

- Dynamic professional with experience in contributing expertise advice in the areas of Information Technology and Software Development at both the enterprise and project level.
- Extensive background in initiating and leading the development of Software Solutions, service-oriented, highly scalable and customizable product.
- Proven experience in designing innovate technologies and solutions for effective resource allocation, automated application deployment and zero downtime upgrades and maintenance.
- Experience in working with Infrastructure, Development, Operations and Engineering groups to drive the strategy for highly sable and efficient software systems.
- Exposure in supporting sales initiative and participating in presales activities such as giving demonstration and presentation.

TECHNICAL EXPERTISE

Cloud Service:	Office365
Source Repository:	GitHub , Gutbucket
Version Control:	GitHub, Team foundation version Control
Binary Repository :	Apache Maven
Log Management:	Log4J
Mobile Device Development:	Windows 10 , Android
Web Application Development	J2EE , JSP , Spring 4 , Struts 1.3 , Hibernate , HTML , AJAX , Bootstrap, XML, JavaScript, CSS
Desktop Applications (Windows Platform)	Windows Presentation Foundation , Windows Communication Foundation , Microsoft Expressions Blend
Web Servers	Apache Tomcat
Designing	Adobe Illustrator
Operating System:	Windows 2012 Server, Windows 7 , 8 and 10, Linux, Unix
Database:	Microsoft SQL Server 2012 , PostgreSQL , MySQL

WORK EXPERIENCE

Wipro Limited | Since March 2017 | Associate Consultant

Key Responsibilities: Leading team members to translate client's business goals into technology roadmaps and architecture designs. Defining solution blueprints that leverage emerging architecture patterns and functional solutions. Identifying and recommending industry best practices in technology landscape, processes and architecture. Partnering with clients on technology

transformation programs. Orchestrating the implementation of planned initiatives and realization of business outcomes. Developed scripts for build, deployment, maintenance and related tasks using Tomcat, J2EE, Android SDK, Maven, Java and Bash.

Technical Exposure and Highlights:
– Implementation of new Software Application, Mobile Application and supporting the existing Application using Java/J2EE Technologies.
– Monitored implementation of CI / CD Pipeline with right Development and Operational Tools. Integration of various services such as Aadhaar , SMS in both REST and SOAP formats
– Handled all Configuration Management tools (JIRA, Maven, Tomcat, ANT, Git, GitHub) and their usage / process ensuring traceability, repeatability, quality, and support.
– Redesigned a legacy repository from pure script dependency and no representation of releases to clear direction regarding where code resides and the difference between releases.
– Designed highly-available, redundant and complete Transactional Managed Information System for the Water and Sanitation Department Rural Government of Punjab
– Testing of the Applications using JUNIT. Creating a complete Role based system including management and Workflow of the Higher Officials , various Venders , Stakeholders and Government Employees.

Consulting Exposure and Highlights:
– Exposure in creating Requirement Gathering (RG) Documents and wire framing the requirement of the client, into actual Software both Mobile and Web.
– Managed Tomcat for UAT of the Web application and Mobile based services.
– Demonstrating the Software Solution in front of various Stakeholders (World Bank, Government of Punjab etc.)
– Active participation in Business Development with the Team.

Department of Information Technology H.P. | May 2015 till March 2017 | Technical Consultant

Key Responsibilities: Provided expertise and leadership in eliciting and documenting user requirements for large, highly complex new systems or system enhancements. Ensured functional and technical requirements are fully documented. Ensured requirements are met throughout the systems development life cycle. Coordinated development and maintenance of implementation and conversion plans, including training and test plans.

Applications References (Aadhaar Based Applications for State):
- Online Application Processing for Himachal Pradesh Staff Selection Commission (HPSSC)
- Aadhaar State Resident Data Hub (SRDH)
- Aadhaar enabled Attendance System
- Parivar Register for Directorate of Panchayati Raj
- SMS based Aadhaar seeding application (SMS Format [HP UID MYUID])
- Android based Aadhaar Search Tool for facilitating to field level officials for Aadhaar seeding in various databases.
- Android based daily enrolment reporting tool to monitor all Aadhaar enrolment centers
- Android based Application for HPSSC for all users for regular updates, notification, and dashboards.
- Online Self Seeding Portal

Technical Exposure and Highlights:
– Developed test scenarios for complex systems

– Managed the installation of software in support of business applications as needed.
– Worked extensively on Google Firebase and Google Play Store regarding Software Distribution, Software Update, Reporting, Sending Notifications and Versioning of the applications.
– Contributed to improve, optimize, and streamline software deployment process in order to ensure smooth, uninterrupted delivery to the business users.

Consulting Exposure and Highlights:
– Prepared UAT documentation in context to the Aadhaar Based Software's and Applications and collaborated with system users to conduct user acceptance testing.
– Worked closely with the Change and Incident Management teams to ensure smooth delivery.
– Active Participation in creating and Demonstrating Presentations and Demonstrations of the projects to various Stakeholders

NextGen Technologies, Chandigarh | January 2015 to May 2015
Senior Software Engineer – Mobile and Wearable

Key Responsibilities: Created, documented and maintained processes and procedures for patching and maintaining Software Applications. Worked closely with the relevant technology teams to oversee monthly patching cycles are implemented successfully. Created and continuously developed baseline server configurations to ensure that all servers meet required standards within each region.

Technical Exposure and Highlights:
- Handled testing and deployment of patches to ensure compliance with Security policies.
- Monitored critical and core services to ensure accurate visibility of issues and potential problems.
- Worked in close coordination with OS deployment and Software distribution.
- Worked extensively on Custom Controls , Widgets

SBL Technologies, KOCHI | August 2013 to January 2015 Software Engineer, Client: Himachal
Pradesh Vidhan Sabha

Key Responsibilities: Provided critical thinking to complex problems in a 24/7, mission critical environment. Suggested enhancements to existing configurations, technologies or procedures. Troubleshot intricate systems and networking issues down to the bit level and up to the application layer.

Technical Exposure and Highlights:
- Developed and reviewed system and network performance results, systems standards, strategies, and workflows.
- Worked extensively on Custom Controls , Socket Programming ,Multithreading, Processes, Locks
- Developed a Notes Module (creating notes , sending notes between Members ,Ministers and the Secretaries during session)
- Maintained technical quality in operating environments through the monitoring and development of advanced solutions.
- **e-Vidhan**: used to get the Proceeding, List of Business of the selected date and display it on the Mobile Device. This application is specifically designed for the MLA's, Ministers and the Secretariats of the State.
- Engaged in designing Android Application for the same.

Public Health Foundation of India | April 2012 to July 2013
Mobile Application Developer and Heath Researcher, Client: Ministry of Health, Government of India

Swasthya Slate (Research and Development Project)
Swasthya Slate is a powerful device that allows Android Tablets and Phones to conduct a limited number of diagnostic tests on the mobile device. The Swasthya Slate includes specialized applications that help users perform a variety of screenings and health analysis protocols. It allows users to deliver fast and accurate care at home, in clinics and just about anywhere. It contains decision support tools to enable users to deliver quality recommendations for achieving better health. The slate stores electronic medical records both locally on the phone/tablet and also pushes the data onto our cloud. This allows offline/online operations and doctor on call services.
Worked under Dr. Kanav Kahol and Prof. K. Srinath Reddy.
• Learned about the Design phases of the products and the different types of use cases that must be followed in order   to design a product.
• Development, Deployment and Testing of the entire Swasthya Slate Module
• Created a Scaling algorithm to run a single android application to all the mobile Devices (Phones, T.V. etc.)
• Created an algorithm to distinguish different colours using a camera.
• Real time testing of the devices (Swasthya Slate and Temperature Logger)
• Testing of Medical Devices (Blood Pressure machine, Blood Glucose Machines, Digital Thermometers etc.)

TEMPERATURE LOGGER
Brief: The Temperature Logger is an affordable, SIM-enabled device, which automatically records, reports and monitors the temperature of vaccines in individual pieces of cold chain equipment, and sends the data to a cloud server.

MOBILE HEALTH TECHNOLOGY IN INDIA (Research) and Dai Maa
Developed under the guidance of Dr.Kanav Kahol , Done a general survey, in the local PHC/CHC s in what all problems they are facing and what are the common Diseases in their nearby villages. Customized dashboard for all users (Job Seeker/ Employer/ and Admin).Created a Generic Solution for the health workers (questionnaire Application PHSL), to digitalize the real time data, and to save time. Dai Maa application is a multi-Lingual Application based on such a Survey.

Key Responsibilities: Evaluated alternatives for deploying and supporting applications in a managed environment. Handled proper escalation, communications, and management of production system problems. Attended change, released management meetings, and communicate change items to and from the team with others in attendance. Investigate widespread client issues that arise and address with the team. Meeting with various Stakeholders (World Health Organization, World Bank, Ministry of Health Government of India)

ACADAMICS

- BE (Computer Science Engineering) from Chitkara University Himachal Pradesh

TRAININGS AND CERTIFICATIONS

→ Foundations of Programming: Fundamentals "Lynda.com" - License 022878
→ C/C++ Essential Training -"Lynda.com" - License AFA35D
→ Six Weeks Training on Web Application Architecture (Coursera)
→ The Java Spring Tutorial (Udmey)
→ The Complete JavaScript Course (Udemy)

PERSONAL DETAILS

Date of Birth: 08th July 1990
Languages Known: Hindi and English
Address: Dhawan Lodge , Shankli Shimla-I , Himachal Pradesh

I Assure, The above-furnished facts are true to the best of my knowledge and belief.