Ankush Kankarwal (5+)

Senior Software Engineer

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Profile Summary

Skilled Senior Software developer with 5+ years of experience and good Knowledge of domains like Telecom, Airlines and IOT. Having excellent technical aptitude and problem-solving skills. Sound understanding of Data structure, core Java, Multithreading, Java Spring MVC, Spring Boot, AWS, Docker, groovy, shell, DBMS, RDBMS and Automation. Ability to think creatively & develop optimized E2E software solutions with good debugging skills.

Technology Proficiency

Technology	core Java, Java, Microservices
Cloud	AWS [EC2, S3, Elastic Beanstalk, ELB, ALB, DynamoDB, Spring Cloud SQS, SNS]
Scripting	JS, Groovy, shell(basic), python
Tools	Postman, Putty, Docker, Git, Source Tree, VS, Android Studio, WinSCP, Splunk, AppDynamics, Sonar
Database	NoSQL - Cassandra, Firebase; SQL- Oracle, MySQL, SQLite
Testing	Jira, Junit, Mockito
Operating Systems	Windows, Linux, Mac
Others	MS Office, Confluence, MS Teams, Shell, RBA & Script Automation, IoT
Methodologies	Agile, Waterfall

Professional Experience

Month-Year	Designation/ Role	Role Responsibilities
Aug- 2022 to present	Senior Software Engineer / **COFORGE**	Developing and delivering E2E feature/functionality/Rest APIs as per given business requirement [Emirates Mobile Web Application]. Working on creating service using spring boot and microservice architecture. Handling the defects/bug and debugging code on server and client level. Working in Safe Agile. Handling new service integration request and involved in java 8 code migration and SOAP to Rest Migration.
Jan-2019 to Aug - 2022	Software Engineer / **Ericsson Global India Ltd**	Developed E2E Solution web application + mobile application using Java (Spring), Rest APIs, Microservices, python, groovy, shell. Gathered requirements and developing software application from clients (both onshore & offshore)
Aug - 2018 to Jan - 2019	Android Developer / **Eternal HR Services Pvt Ltd**	Designed and developed HRMS Mobile and web App for Admin and user level. Involved in writing rest APIs i.e. used in mobile App and web App. Implemented Authentication in application. Tunned Database.
Oct-2017 to Jul-2018	Software Engineer / **Ansyst Consulting**	Developed Bluetooth functioned app, controlling appliances with mob app. Handling various technical aspects like coding of modules using the given design specifications, debugging, fixing the defects.

Emirates (Web Application)			
Emirates Mobile Web Application used for booking flight tickets (IBE), managing a booking (MYB) and online checking (OLCI). User can login using given profiles and check, manage and retrieve PNRs and make various request. Hosted over EGTC and AWS JBOSS and WebLogic Server.			
Duration	Aug 22 – Present	**Role**	Senior Software Engineer
Project Type	Application Development and Maintenance	**Technology**	Java, Microservices, WebLogic, MSSQL, Docker, Splunk, App Dynamic, Jboss, AWS
My Responsibilities	- Implementing new endpoints using spring boot as per business requirement. - Integrating Rest and SOAP web services with existing App. Using JWT Token Authentication. - Maintaining the application E2E flow and debugging if any issue and resolving the issue. - Writing code blocks/business logics/test cases as per given JIRA story.		

ENSS DB-Unifier v1 and v2 (Web Application)			
Data transfer, transform and storing utility. Receiving data from different data source in form of email (as attachment like xml, xls, txt file and html email body) to a specific pdl and copy/moving using scp, ftp protocol from different server location. Scheduler based job that transform and filter out the required data and store it into database using BCP and DB procedure. This Data is further used in reporting tool, data analysis and engineering. Each data source has its different configuration and requirement.			
Duration	Mar 21 – Aug 22 (17 months)	**Role**	Software Engineer
Project Type	Application Development and Maintenance	**Technology**	Java, Microservices, Apache Camel, MSSQL, Nginx, Docker
My Responsibilities	- Implemented Apache camel with spring boot framework to transmitting the email data (xls, html) in Database (MSSQL) - Onboarding New Customer/ Data Source Request. - Maintaining the application E2E flow and debugging if any issue and resolving the issue. - Database Operation (Creating queries and stored procedures), providing the user access. - Developing Automatic health check script and report.		

ENSS - Site Access (Web + Mobile Application)			
Web Application for Front office (FO) users and mobile application for site engineers (SE) for monitoring and solving any issue on node. FO User can create, edit work order (WO) request if any performance issue happen on node (RAN, BSC etc) than this WO get assigned to specific SE. SE will visit the site, perform some KPIs and can do check in/check out for the WO. SE user can also chat using mobile application with FO users vice versa. FO user can approve/reject WO based on user role and able to close the WO.			
Duration	Dec 19 – Mar 21 (15 months)	**Role**	Software Engineer
Project Type	Application Development and Maintenance	**Technology**	Java, Microservices, SQLite, JFS, Oracle, Android
My Responsibilities	- Onboarding New Customer (create DB user, giving access to the user), making new tables, views and setup configuration. - Adding, updating, deleting new/existing DB user for given customer. - Maintaining the E2E application flow and debugging the issues. - Developed the Microservices for functionality like notification, DB write and read operations, Sending Notification to SE.		

Enable RBA (MBNL-UK, Mobily-KSA, Zain- Bahrain)			
Tool and script-based Automation for removing/minimizing the manual efforts of the given process. Code modules were developed to do the automatic connections to server, running the read, write commands. Scheduling the jobs, reading the logs and preparing the reports according to that.			
Duration	Jan 19 – Dec 19 (11 months)	**Role**	Automation Engineer
Project Type	Application Development and Maintenance	**Technology**	Java, ExtJS (Snecha), Groovy, Python
My Responsibilities	● Design and Creating E2E solution offshore and onshore (KSA, Bahrain). ● Developed Automation using Enable Tool (Java). ● Developed User Interface using Java Script for Human Guided Automation (Extjs, Snecha). ● Involved in Functional and Regression testing. ● Maintain/Organized Process documents, LLD, User Manual Report, did code review of fellow devs.		

Eternal HR Mobile App (HRMS)			
Human Resource Management Mobile Application used by field/on call engineers. User can mark their attendance, apply for leaves, able to download the documents like payslip and detailed report. Also, user can track the activity on daily basis, can upload the relevant documents, receipts, pictures of site.			
Duration	Aug 18 - Jan 19 (5 months)	**Role**	Android Developer
Project Type	Application Development	**Technology**	Java, Android, REST, Postman
My Responsibilities	● Understanding and analysis the scope and requirement. ● Designed and Developed Front End and Back End of Mobile App. ● Involved in Functional and Regression testing. ● Collaborate with Project Managers, Business User and End Users to coordinate project schedules and time lines.		

Ansyst Smart Home			
Home automation mobile app for home appliances. User can control electronic devices – on/off, increase the speed of fan, setting the timer, mode and on/off AC on some specific time. The application has two categories 1. Bluetooth enabled (for small houses). 2. Server based (For Multi floor houses).			
Duration	Dec 17 – Jul 18 (7 months)	**Role**	Software Engineer
Project Type	Application Development and Maintenance Support.	**Technology**	Java, Android, Bluetooth, RaspBerry PI, Node MCU, Node JS, photoshop, Firebase
My Responsibilities	● Developed and Designed the UI/UX of mobile application on real time feedback from electronic devices. ● Bluetooth and server (API) functioned app, controlling appliances with mobile Application. ● Used SqLite for storing default app information and custom configuration. ● Preparing & sharing the Status Report and user Manual as applicable.		

Academic Details

Month-Year	College/Board	%	Major
2012-2016	MIET Meerut	68.24	B Tech [Computer Science & Engineering]
2012	State Board	74.20	Intermediate [PCM]
2010	State Board	75.67	High School