Pankaja Ganganaghatta Rangaswamy

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ABOUT ME

- Full fledged experience on configuring DevOps(Jenkins and SonarQube).
- Experienced in working with CoreJava/J2EE, Oracle,Angular8, Spring boot, JPA, .Net, WPF
- Expertise in product development life cycle.
- Experienced in software development, design, Code review, DB Design and Quality Analysis.
- Proactive, fast learner, path finder, adoptive, team player and result oriented.
- Good exposure to SOLID design principles.

EDUCATION AND TRAINING

19/06/2005 – 15/05/2009 Belagavi, India
BACHELOR OF ENGINEERING Vishveshwaraiah technological University.

Website vtu.ac.in/en/

05/03/2025 – CURRENT Tumkur, India
AWS DEVELOPER ASSOCIATE COURSE Udemy

Website https://www.udemy.com/course/aws-certified-developer-associate-dva-c01/

LANGUAGE SKILLS

Mother tongue(s):   **KANNADA**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
GERMAN	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

WORK EXPERIENCE

04/02/2020 – 16/12/2023 Bangalore, India
SOFTWARE SPECIALIST ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS PVT LTD

Technologies- Java/J2EE, Oracle, Hibernate/JPA, Angular8, Spring boot, Tomcat9, SQL Server, JSF, PRIME faces, DevOps.

Projects Undertaken-
LADB(Label and Architecture database): This is a powerful search engine for MSR (Sw. Interfaces, Classes, Attributes and Sys. Interfaces) and AUTOSAR interfaces with some advanced filters. SW architects and System architects use this tool for creating/updating SW and System Interfaces and also for Interface Clearing.

ClassiQ: ClassiQ is a quality analysis tool used by function safety team to analyze the quality and to perform safety check for all the tools used in V&V model.

Responsibilities/Achievements-
- Involved in feature implementation as a full stack developer.
- Used Agile Methodology to divide tasks among team members, helping them in their technical pitfalls, follow up to closer of sprint on time.
- Involved in code review and validation of functionalities.
- Performed Oracle DB data migration from one design to another design using DB scripts in ClassiQ.
- Configured DevOps(Jenkins and SonarQube) for LADB project.

05/02/2018 – 04/02/2020 Bangalore, India
STAY AT HOME MOM TO A KID SELF EMPLOYED

30/04/2015 – 04/02/2018 Bangalore , India
SOFTWARE SPECIALIST ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS PVT LTD

Technologies - C#.NET, ASP.NET, SQL Server, MVC design pattern, Unity pattern, WCF, IIS.

Projects Undertaken -
ECA(ECU complaint analysis tool): Used for analysis of field returned ECU's, Data Re-flashing and EEPROM initialization
DSO: DSO is a machine scan tool deployed all over RBEI to scan the status of machine and store reports in central database
DFC Handler: Used to reduce the manual effort and resources involved in analysing and correcting DFCs read from vehicle OBD system.

Responsibilities/Achievements -
- Complete ownership of features from prototype stage to delivery.
- Converted use cases and scenarios into DB tables and procedures using SQL server.
- Implemented Custom and User Controls to optimize the code in WPF using XAML.
- Verification and Validation of the software.
- Effort estimation, Requirements gathering and Defect & Version configuration management.
- Proposals to improve the product to increase the software performance.
- Mentoring teammates to learn the project and technology involved.

29/10/2012 – 04/2015 Bengaluru, India
SENIOR SOFTWARE ENGINEER ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS PVT LTD

Technologies - C#.NET, WPF, XAML, Oracle 10g, OSLC, BIRT Report, MVVM Design pattern.
Projects undertaken - CRUX.
Responsibilities -
- Involved in Requirement Gathering, Analysis, Design, Coding and unit testing.
- Implemented Custom and User Controls to optimize the code in WPF using XAML.
- Implemented validation using validation controls.
- Mentoring a fresher for the project, awarded with **Best Mentor Award**.

20/03/2011 – 20/10/2012 Bangalore, India
SOFTWARE ENGINEER ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS PVT LTD

Technologies - Java 6, SWT, RCP, VB Script, Design pattern like MVC, Antlr2 Parser, Antlrworks4, SWINGS.
Projects undertaken - STC, CDF library.
Responsibilities -
- Involved in Requirement Gathering from clients, Analysis and Implementation of requirements.
- Developed parser libraries to parse CDF/A2l files using Antlr parser.
- Invalved in development of System Test Configurator (STC) - a tool used by Calibration Engineers to generate test cases depending on vehicle configuration.

- **DIGITAL SKILLS**

Microsoft Office | Microsoft Word | Microsoft Powerpoint | Outlook | Microsoft Excel | Skype | LinkedIn | Facebook | Instagram | Social Media