

VISHVMITRA BELSARE

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EDUCATION:

M.Sc. (Hons.) Physics & B.E. (Hons.) Computer Science	2009-2014	Birla Institute Of Technology & Science - Pilani	7.7/10
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SKILLS:

Java, Spring Boot, .NET Framework, RDBMS, NoSQL DB, Graph DB, Docker, iOS app development

WORK EXPERIENCE:

- Microsoft India Pvt. Ltd.,** Software Engineer 2 (Level 62), Nov 20 to Present
Working with Viva Insights team under O365 Org to develop useful insights based on user habits and interactions and come up with suggestions at personal and organization level
 - Advanced Sent Mail Read Stats: show additional insights to sender like email open rate by days, open rate by devices, user engagement etc
 - As part of a three-member team, implemented the project from scratch including frontend and backend changes and adding required tests
 - Prepared HLD and LLD specs while coordinating with PM and design team
 - Product is currently released to beta customers with P1 premium O365 license and received great feedback from customers
 - Migration of TBA (time-based assistants) module for insights from .NET Framework to .NET core:
 - Led the migration of TBA module, which helps in scheduling time-based jobs in insights framework, from .NET framework to .NET core tech stack
 - Projects spanned across all the teams within insights org (around 15) and included moving around 120 TBAs
 - Did a thorough planning after discussion with all EMs and leads which included 4 phases
 - Completed the migration effort in 6 months with minimal regressions
- UiPath Inc., Bangalore,** Software Developer Engineer – II, Jul'18 to Dec'19
 - Task Management Service: an internal micro-service for the service orchestration platform of UiPath
 - Designed and implemented a scalable task management service from scratch
 - Coordinated the development process with Product Managers, UX designers and other stake holders
 - Mentored junior developers in the team with technical aspects
 - Introduced many best practices in the team with respect to code cleanliness, documentation etc.
 - Human In the Loop: add support to the UiPath workflows to make them asynchronous
 - Did the complete proof of concept for the project using the windows workflow framework
 - Implemented the critical activities of the project like create task, create job etc. which enabled the workflow to be paused and resumed from a specific state in the workflow
- Kiwi Inc., Bangalore,** Software Development Engineer – II, Apr'16 to Jul' 18
 - Sequel: a platform for creating chat bots for business or personal needs
 - Designed and implemented highly available, distributed and scalable core web services
 - Built some of the key features for the platform like various node types, persistent menu etc.
 - Integrated bot APIs for **Viber, Slack, Skype** etc. to support our bots for these platforms
 - Added **Business Intelligence** framework to track user behaviour and support analytics
 - Developed a system to support **QA automation** by mimicking the user actions

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- b) [Joyride](#): a video calling and social gaming iOS app with more than 5 lakh installs in US and Canada
- Built core-features of the app like **launch pad screen**, **friending mechanism** and **presence-status** of the friends using **PubNub**
 - Built games like '**Headshot**', '**Trivia**' on top of video chat using speech recognition and filters
 - Led the execution from design to production, coordinating with product managers and designers
 - Built an extensible game framework to enable faster future development
 - Developed live game shows like '**Quizzo**', '**Trivia Crush**' within the application
 - Designed and executed the core game logic for both server as well as client on iOS
 - Scaled the system to process millions of messages from participants within seconds
 - Implemented the UI including animations etc. for the iOS application
 - Optimized the iOS application for performance to support video calling, image recognition, speech recognition, live streaming etc.

4. **Oracle India Pvt. Ltd.**, Server Technologies, Bangalore, Software Engineer Jun '14 to Apr '16
- Integrated Automatic Data Optimization (ADO) with In-memory Database (IMDB) as part of the Data Layer team of Oracle Database, enabling automatic management of membership of segments
 - Implemented a variant of knapsack algorithm to determine the optimal set of segments at any given point of time based on heat map statistics to verify the functionality
 - Implemented a hybrid TPC-CH benchmark schema using oracle dialect to measure the performance of the In-memory Database with ADO
 - It helped us replicate the real-world business scenarios with mixed workloads i.e. having both on line transaction processing (OLTP) and on-line analytical processing OLAP queries

ACADEMIC ACHIEVEMENTS AND AWARDS:

- Awarded the "Innovation in Science Pursuit for Inspired Research" (I.N.S.P.I.R.E.) Scholarship, by the Government of India for excellence in science, 2009
- Secured All-India Rank 624 in "National Talent Search Examination" (N.T.S.E.) among 50,000 students (top 1%), 2007