

# AKSHAY VARADACHARI

4+ years Exp., Micro Services, Distributed & Scalable System, Problem Solving (Algorithms, Data Structures)

## TECHNICAL PROFILE

**Languages:** C#, Java, Python  
**Servers:** Apache Tomcat, Jetty, NGINX, IIS (6, 7)  
**API Gateway:** Kong  
**Databases:** **RDBMS** (MySQL, Oracle 9i/10g/12c, SQL-Server), **NO-SQL** (Redis, MongoDB)  
**Messaging Queue:** Service Bus, Kafka, IBM-MQ  
**Source Control:** Git, TFS (Team Foundation Server)  
**Framework:** Vertx, Spring, ASP.Net (3.5 - 4.6), .Net Core 3, Entity  
**Cloud Platform:** Azure, AWS  
**Deployment Platform:** AKS (Azure Kubernetes Services), Docker (Containerization)

## PROFESSIONAL EXPERIENCE

**MICROSOFT** 03/2021 – Present  
**Software Engineer (C#, .Net Framework (4.6), .Net Core 3, Micro Service Architecture, Distributed System, SQL-Server, Azure Kubernetes Services (AKS), Docker, Agile team, Git)**  
- **Unknown Telemetry Collection** implementation for the AKS cluster  
- **Designed and developed** a sync system which is **revamped** into/ and leveraging AKS platform which extracts, transforms and load data from multiple sources.  
- Implemented multiple POCs (Proof of Concepts) in order to measure scalability, latency and throughput of the systems to be deployed.  
- Enhanced multiple APIs in order meet the changed requirements from business.  
- Deployed Security packages in Azure as per org. standards and monitoring purpose.  
- Provided support as On-call as a primary and secondary.  
- Solving issues related to Security Vulnerabilities KPI.

**WALMART Labs** 11/2019 – 03/2021  
**Software Engineer (Java 8 (Spring- boot, JPA), esqIC, Informix , Spring Framework, Micro Service Architecture, Distributed System, Apache Camel, UNIX , IBM MQ, Kafka, Kibana(Event UI), Agile team, Git, Jenkins)**  
- **Designed and developed** monitoring service system, which **solves** and leverages internal systems to audit all changes in the configuration happens across all the Walmart servers after deployment or manual changes happens.  
- Team member in International Development Centre implementing new features in and upgrading existing features in a newer platform of which testing was integral part.  
- Implemented heartbeat mechanism such that existing (Internal and external) systems interaction with internal systems to check weather services are up and running via this mechanism.  
- Prepared and Implemented Audit mechanism, which registers all the server service request calls.  
- Worked on the production issues, which were in new, as well as legacy platform.  
- Worked on the new feature implementation that will enable customer to place order and pick its respective order when reached to the store.

**OLA Cabs India** 04/2019 - 11/2019  
**Software Development Engineer (Java 8, Vertx Framework, Micro Service Architecture, Distributed System, Redis, Kafka, Kibana (Event UI), Observable Design Pattern, Agile team, Git, Jenkins Build)**  
- Team member in implementing new features and upgrading existing features in OLA PLAY segment.  
- Implemented Video Feed Feature for which SMS with specified URL (shortened) provided in order to connect to the respective person in car to connect to Live Feed at distress.  
- Prepared a feature for which device specific build version was provided for which the specific build version for user will be getting specific entertainment catalog for the content in tablet. Rules was written in the Database for this specific feature.  
- **Cost reduced** for org. by developing feature in which user will get regular cricket updates that initially used 3<sup>rd</sup> party API.  
- Implemented and upgraded existing feature, which **optimizes** the calculation done for users when using outstation, rentals or default taxi system based on accuracy for distance and amount of hours used.

**TEKWISSEN LLC.** 10/2016 -12/2018  
**LPL Finance (San Diego, CA / Charlotte, North Carolina) Software Engineer (Fiserv Database, Portia Data base(Legacy), MS-SQL Server, C#, ASP.NET 4.6, Angular 1.8, Perl, UNIX, Agile team, Git, Octopus Deployment, Team City Build)**  
- Module In charge of Production Support and Managing team of 5 members.  
- Working on upgrading the legacy system and providing the production support for the existing environment.  
- Prepared automated manual scripts for database table to health check for missing values for update or insertion.  
- Implementing and clearing the existing backlog and database records to work with the ETL tool for data migration.

**WELLS FARGO (Charlotte, North Carolina) Software Developer (Java, PeopleSoft, Oracle 10g, Dynamic CRM 2013, C#, ASP.NET 4.5, JavaScript, MS-SQL Server, Agile team, Test Driven environment, TFS)**  
- **Designed and implemented** grid frames for customer facing interfaces according to business requirements, custom classes and Implemented **Web Services (WCF)** for software's Contacts, Email, User Entities storage in database and created views stored procedures and triggers.  
- Implemented **JavaScript** for the customization and behavioral implementation for the tabs, buttons in customer facing dashboard for which testing and debugging was an integral part.  
- Implemented Service Level Agreement for environment by implementation of engines and custom Status for Entities during different service level agreement phases.  
- Implemented Dictionary to store newly generated entity.  
- Performed demo to the business and technical team for the implemented module and story walkthrough.

## EDUCATION

**Masters of Science : Information Technology** May, 2016  
University of North Carolina, Charlotte - Charlotte(NC), USA  
GPA : 3.5

**Bachelors of Engineering : Computer Science** June, 2013  
Rajiv Gandhi Proudyogiki Vishwavidyalaya - Bhopal(MP), India  
GPA : 3.7

## CERTIFICATIONS

- **Microsoft Certified Professional (HTML/HTML5, CSS3, JavaScript)**
- **Oracle Certified Associate (SQL/PL-SQL)**

## INTERNSHIP

**HCL, India** 04/2011 - 05/2012  
**Software Developer (Java/J2EE, JFrame, JMF, MySQL)**

- **Team Leader** of six members of project of which **Requirement gathering, Designing, Development** and **Testing** was integral part.
- **Designed and developed** a desktop **chat application** in which messaging, file sending, video chat and message broadcasting was implemented.
- Implemented **Web Sockets** for non-polling communication between server and client and **JDBC** as Database Connection.