

# PRAVEEN KONDURU

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## PROFESSIONAL SUMMARY

- Senior software engineer with over 18 years of experience in software development.
- Full Stack Hands on developer with core experience in Microsoft technology stack (.Net)
- Excellent reputation for resolving problems, improving customer satisfaction, and driving overall operational improvements with speed and accuracy.
- Proficient in microservices development, system design, distributed systems, architecture.
- Expert in object-oriented design, design patterns, software engineering principles
- Proficient in SPA development experience using angular js, react js, and redux, leveraging node stack, karma, micro front ends and Jasmine.
- Strong experience in providing Middle ware solutions and integrations using Rabbit MQ and N-Service Bus (Enterprise Messaging Bus).
- Proficient in developing microservices saga pattern, CQRS, event sourcing, api gateways.
- Proficient in developing complex systems which involves several integrations with vendors, partners, internal, external.
- Proficient with Dev-Ops, cloud practices, setting up CI, CD pipelines, quality gates, cloud practices, automation.
- In depth knowledge and experience of how to design and improve scalability of web-based applications ensuring the best practices.
- Good understanding of data modeling, and experience in database design, views, normalization, stored procedures, triggers, views, functions, LINQ, entity framework.
- Good Experience in designing and developing web applications using ASP.NET, MVC, wcf, xml, web services, rest, JavaScript, html, css.
- Self-motivated, proficient in learning new technologies and quickly adapting to new environment
- Excellent interpersonal and communication skills coupled with strong technical and problem-solving capabilities.

## SKILLS

- Software Engineering, Software Architecture
- AngularJS, ReactJS, Redux, Grunt, Web Pack, Python, React Native.
- .Net core,C#,ASP.NET, ASP.NET MVC, WebAPI, Rest, WPF, Entity Framework
- NServiceBus, MSMQ, RabbitMQ, Amazon SQS
- Jasmine, Karma, Jest, XUnit, NUnit
- Splunk, Kibana, Elastic Search
- TFS, Bit bucket, Jenkins, Git
- Rest API Design, Micro Services.
- SQL SERVER, Mongo DB, Postgres.
- Puppet, Ansible, Nolio

## EDUCATION

MASTERS IN COMPUTER APPLICATIONS, 2004 Osmania University – Hyderabad, India.

## PROFESSIONAL AFFILIATIONS

- Microsoft Certified Application Developer (**License ID:** 3830270 Year: 2007)
- INSURNACE DOMAIN CERTIFIED (INS-21)

## ACCOMPLISHMENTS

- Received several accolades for top performer and solving complex problems.
  - Developed agile planning poker for the company as part of a Hackathon. Won people's choice award and being used across the teams.
  - Key contributor in the design and implementation of RTI and OCTS Project.
  - Drastically improved the performance of the application, by introducing asynchronous processing. Improved performance by 60%.
  - Created simple tools automating some jobs to simplify tier 3 and 2 support personnel
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## CURRENT PROJECTS **Project: OEM Real Time Inventory:**

Real time inventory is key initiative to help OEMS push inventory feeds directly into dealers DMS for the first time. This allows OEMS to monitor and control the prices, validation of rebates etc. It's a 360 degree integration. This integration allows OEM dealers publish vehicles to CDK Network. The OEM data is entered in to CDK network as XML data for a dealer or a group of dealers. The data is validated, cleansed by a system and put in to EDP ( Enterprise Data Pipeline). The data is converted and published to Vehicle Cloud as Json. Vehicle cloud process the data by applying several mappings, rules and dealer configurations and data is structured and persisted. Notifications are published. Dms subscriber listens to notifications and process data in to DMS format. Resolve the structural data differences, apply configurations, field to field mapping and persist to DMS. Similarly the updates are pushed back Dms→VC→EDP→OEM. SPA's read data from vehicle cloud.

### **Achievements:**

- Designed and involved in the architecture for the complex integration involving 4 different systems and different application teams.
- Created POC's.
- Built microservices and defined micro service events choreography
- Built microservices saga pattern.
- Designed systems to publish events to rabbit Mq.
- Events are aggregated to build a unified dashboard to see the workflow
- Central Logging events to Splunk and dashboards.
- Along with coordination, design, responsible for one full application integration

### **Technologies:**

.Net core, RabbitMQ, C#, Asp.net webapi, Kafka, rest, elastic search, Splunk, docker, aws, swagger

## **Project: OneClickToStock**

OneClickToStock (OCTS) is a key project bridging the gap between DMS and Vehicle Cloud by providing solutions to sync up Legacy DMS and Vehicle Cloud applications. OCTS uses a publisher-subscriber model. It leverages Rabbit MQ Message Broker technology and N-Service Bus under the hood. OCTS micro-services, which monitor the events for any changes to vehicles on Vehicle Cloud and process the vehicles by identifying the changes between DMS and Vehicle Cloud and Update to DMS (Dealer Management System).

### **Achievements:**

- Exhibited strong technical aptitude and application expertise resulting in optimized performance, continuous improvement recommendations, and product innovation
- Built Micro Services and Event Based Systems
- Designed complete architecture of the system from scratch
- Improved performance of the application up to 70% by introducing Parallel and Asynchronous processing
- Reduced 70% of support calls by creating extensive logging and classification of errors. Created splunk dashboards with drill down dashboards and formatted reports for support users, helping to understand the real issue in less than a minute.
- Refactored test projects and created reusable test object patterns and reusable Mock setups.

**Project: Lot Merchandiser:**

Lot Merchandiser is an inventory management tool, which allows dealers to add vehicles to their inventory. Add descriptions, photos, print window stickers, buyer's guides, etc. Everything to get the vehicle front line ready for online marketing. It is used for CDK website, and syndication to 3rd party websites like cars.com, auto trader, etc. Primary users are internet sales managers. The tool is often used to confirm the accuracy of VIN detailing. Also includes features to set marketing detail about OEM vehicle features, dealer added features, and dealer warranties.

**Achievements:**

Built SPA applications using Angular Js and Node stack.

- Built React components using React, Redux.
- Built CI / CD pipelines, Automating deployments and ALM process.
- Developed build and branching strategy. Integrated Build pipeline with Static Code analysis, Unit Testing and Quality gates.
- Involved in Data center migration as part of organization wide Data Center move, used puppet as the configuration tool for building new servers and software automation.
- Write unit tests using Jasmine and automated tests using selenium.

**Project: Datacenter Migration:** (PAAS Services)

Set up IAAS for the windows and Linux machines in the new data center setup in LAX from ORD. Set up the puppet scripts and modules for windows server's migrations with software's. Complete setups, servers, configurations, software's automated setups with Puppet, Devops.

**Project: Digital Transformation**

Source control migration from TFS to Jira for 10 projects

Setup CI, CD pipelines in Atlassian stack

Setup webhooks, workflows, branching strategies.

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**EMPLOYMENT HISTORY**   **SIA Global Solutions** – Senior Software Engineer (Jan 2017 – Present)  
Kingwood Texas.

**Ness USA, Inc.** - Technology Specialist (June2011 – Dec2016)  
226 Airport Parkway, Suite 470, SanJose, CA 91150, USA

**CTS USA Inc.,** - Senior Associate projects (Jan2011 – Jun 2011)  
500 Frank W. Burr Blvd, Teaneck, NJ 07666, USA

**Hanu** - Senior Programmer Analyst (Oct2010 -Jan2011)  
5 Independence Way, Suite300, Princeton, NJ 08540, USA.

**CSC** - Senior Software Engineer  
Sep2006 - Sep2010  
7th Floor, Block 1B DLF IT Park, Chennai – 600089, INDIA.

**Surya Jyothi Infotech, PVT Ltd.** -Software Engineer (Jan2006 - Sep2006)  
Surya Towers, 2nd Floor, 105, Secunderabad – 500003, INDIA.

V-Empower Solutions Pvt. Ltd. - Programmer Analyst (Nov2004 - Dec2005)  
10-1-17, 4th floor Dana chamber, Adj. HYD –India.

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