

# PRAVEEN KONDURU

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## PROFESSIONAL SUMMARY:

- ✚ Experienced principal software engineer with 20 years of experience in software development.
- ✚ Excellent reputation for resolving problems, improving customer satisfaction, and driving overall operational improvements with speed and accuracy.
- ✚ Expert in microservices development, system design, distributed systems, scalable architectures.
- ✚ Expert in Asynchronous processing, Message Brokers (Rabbit MQ), service to service communications.
- ✚ Expert in object-oriented design, design patterns, software engineering principles
- ✚ Expert in SPA development, micro front ends. Strong experience using angular js, react js, and redux, leveraging node stack, karma, jest, micro front ends and Jasmine.
- ✚ Strong experience in providing Middle ware solutions and integrations using Rabbit MQ and N-Service Bus (Enterprise Messaging Bus).
- ✚ Expert in developing microservice saga pattern, CQRS, event sourcing, caching, API gateways.
- ✚ Expert in developing complex systems which involves several integrations with vendors, partners, internal, external.
- ✚ Expert with Dev-Ops, cloud practices, setting up CI, CD pipelines, quality gates, containerization, 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.
- ✚ Expert in creating API's, Design, versioning, caching.
- ✚ 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.

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## SKILLS:

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

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## EDUCATION AND CERTIFICATIONS:

- ✚ MASTERS IN COMPUTER APPLICATIONS, 2004 Osmania University – Hyderabad, India.
  - ✚ Microsoft Certified Application Developer (**License ID:** 3830270 Year: 2007)
  - ✚ INSURNACE DOMAIN CERTIFIED (INS-21)
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## KEY 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.
  - ✚ Played a key role in several initiatives and key contributor in Platform components and Practices.
  - ✚ Migrated all the source code repository's between different version controls (TFS to Git) and setup CI / CD.
  - ✚ Drastically improved the performance of the application, by introducing asynchronous processing. Improved performance by 80%.
  - ✚ Adopted the .Net core in to .net projects and migrated .net weabpis in to .net core microservices.
  - ✚ Adopted react in our SPA's eco system and created several common components.
  - ✚ Created Micro front end POC's which led to the adoption.
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## RECENT PROJECTS:

### RTI (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. There are four projects involved in the whole integration. I am an SME and own a project in the whole integration.

### Achievements:

- ✚ Designed and involved in the architecture for the complex integration involving 4 different systems.
- ✚ Key player in architecture modifications, unifying pipelines, design and architecture.
- ✚ Built microservices and defined micro service events choreography
- ✚ Built microservices saga pattern.
- ✚ Events choreography. Unified view to track the status of transactions.
- ✚ Central Logging events to Splunk and dashboards.

### Technology Stack:

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

### Account Payables (Invoicing, Journal Entry's):

As part of the DMS modernization monolith accounts app is broken in to different micorfront ends, and will be Launched in the unify portal as workflows, so dealers can access these as simple workflows. These intuitive Simple workflows help dealers to launch apps and workflows from unify.

- ✚ AP invoicing is a micro front end helps dealers to enter invoices, credit memos, adjustments or to update invoices Any number of users can use this function at the same time. AP invoice posts invoice amounts, purchase order numbers, credit memos and modifications to discounts, due dates and expense distributions
- ✚ Journal Entry's is a micro front end helps dealers to post line items to different journals, modify previous postings Enforce posting rules based on accounting months, Journals and Accounts setup. This workflow will allow dealers to post to General Ledger. Users can add new transactions, modify, delete transactions.

### Achievements:

- ✚ Worked as a UI Engineer
- ✚ Build React common components for COA, Jounral Entry's Listing, Invoice Payments.
- ✚ Worked on AP invoice and Journal entry's features development
- ✚ Worked on Micro front end architecture's
- ✚ Resolved production bugs.

### Technology Stack:

- ✚ React js, Node, Jest, Singe-spa, Material UI, react hooks, react-form, react-query, Type script, Kubernetes, GitHub, GitHub actions, GitHub workflows.

### 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.

### Technology Stack:

- ✚ C#, Windows Services, WebAPI's, Json, Caching, Rabbit MQ, N-Service Bus, Dapper, SqlServer, Bamboo

### 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.

### Technology Stack:

- ✚ Angular JS, React, Node, Karma, Jest, C# Web API's, .Net Core API's, Docker, Aws, Rabbit MQ, SWR, Postgres

### 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:**

**CDK Global** – Staff Software Engineer (Dec2013 – Present)  
1950 Hassel Road, Hoffman Estates IL 60169,USA

**Ness USA, Inc.** - Technology Specialist (June2011 – Dec2013)  
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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