

PRAVEEN KONDURU

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PROFESSIONAL SUMMARY:

- ✚ Experienced principal software engineer with 20 years of experience in software development.
- ✚ Expert in microservices development, system design, distributed systems, scalable architectures.
- ✚ Expert in Asynchronous processing, Message Brokers (Rabbit MQ), kafka service to service communications.
- ✚ Expert in object-oriented design, design patterns, software engineering principles, programming languages.
- ✚ 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.
- ✚ Experienced in leading technical teams, coaching, and mentoring junior engineers, and fostering a culture of technical excellence.
- ✚ Excellent reputation for resolving problems, improving customer satisfaction, and driving overall operational improvements with speed and accuracy.
- ✚ Created innovative solutions to complex technical challenges, anticipating future needs and trends.
- ✚ Strong experience in providing Middle ware solutions and integrations using Rabbit MQ and N-Service Bus (Enterprise Messaging Bus).
- ✚ 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.

SKILLS:

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

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)

EMPLOYMENT HISTORY:

CDK Global	Staff Software Engineer	(Dec2013 – Present)
Ness USA, Inc.	Technology Specialist	(June2011 – Dec2013)
CTS USA Inc	Senior Associate projects	(Jan2011 – Jun 2011)
Hanu	Senior Programmer Analyst	(OCT2010 -JAN2011)
CSC -	Senior Software Engineer	(Sep2006 - Sep2010)
Surya Jyothi Infotech, PVT Ltd.	Software Engineer	(JAN2006 - SEP2006)
V-Empower Solutions Pvt. Ltd.	Programmer Analyst	(JAN2004 - DEC2005)

PROFESSIONAL EXPERIENCE:

Company: CDK GLOBAL (2014 – Present)

Role: STAFF SOFTWARE ENGINEER

Responsibilities:

- Define technical strategy and architecture for large-scale software systems.
- Lead and mentor teams of software engineers to deliver high-quality software solutions.
- Evaluate and recommend new technologies and tools to improve software development processes.
- Develop and maintain software applications, features, and systems to meet business needs.
- Participate in architectural and design discussions to ensure scalability, maintainability, and reliability of the software systems.
- Research and evaluate new technologies and industry trends that can improve the product and development process
- Identify and mitigate technical risks and issues that may impact the product and business goals.
- Collaborate with cross-functional teams to design, develop, and implement software solutions.
- Mentor junior developers and provide technical leadership to the team.

RECENT PROJECTS SUMMARY:

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, Java, C#, Asp.net WebAPI's, Kafka, Rest API's, Elastic Search, Splunk, Docker, AWS, Swagger, Kubernetes, Spring Boot, Prometheus, Grafana, Postgres, Sqlserver.

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, Journal Entry's Listing, Invoice Payments.
- ✚ Worked on AP invoice and Journal entry's features development.
- ✚ Worked on building Micro front end architecture's architecture

Technology Stack:

- React JS, Node, Jest, Singe-spa, Material UI, react hooks, react-form, react-query, Type script, Kubernetes, GitHub, GitHub actions, GitHub workflows, spring boot, Java, Redis, .Net Core. Single SPA.

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#, Rabbit MQ, Elastic Search, .Net core rest apis, Java, Nservice Bus, Sql server

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
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