

# CM Sanjay Krishna

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## EXECUTIVE SUMMARY

8.5 years

- **Award winning** Software Consultant with proven expertise on end-to-end delivery of various Product development projects incl. requirement analysis, design & development with companies like Siemens, VMware, Johnson c.& Axis Bank
- Certified on Virtual Infrastructure Management with Hands-on development experience on various software development methodologies like waterfall, Agile and Scrum

Primary Skills	Languages	Core Java/J2EE(Expert), Python(Intermediate), Golang(Beginner), Javascript
	Frameworks /API	Spring/SpringBoot, Web Services (SOAP and REST), Virtual Infrastructure Management based on Web Services, VMware API, SNMP4j, Cloud Infrastructure management, Servlets, JSP, JDBC, NodeJS, TypeScript, ReactJS
	Tools	Algotrader, Jira, Eclipse, VSCode, Maven, Sublime, Slack, Flock, SVN, Git, Bitbucket
	Databases	Oracle PL/SQL, Microsoft SQL Server, MySQL, MongoDB, InfluxDB
Skills of interest	Have freelanced on Trend Analysis of Financial Markets to determine investment Futures(ML)	

## CORPORATE EXPERIENCE

5.6 years

Okra Solar Ltd		Senior Software Engineer	Nov 2019 - Present
Key Achievements	<ul style="list-style-type: none"><li>▪ Spearheaded proprietary UI development for IoT based solar smart-grids in off-grid populations. It enabled partners to manage and monitor OKRA devices on the field.</li></ul>		
Key Responsibilities	<ul style="list-style-type: none"><li>▪ Implemented Typescript architecture to bring in strongly typed features to an otherwise Javascript application</li><li>▪ Conducted everyday standups with developers to establish development priorities and workflow</li><li>▪ Introduced and developed authentication framework of the application the initial prototype</li><li>▪ End to End MVP features developed and delivered with focus on data aggregation and UI</li><li>▪ Participated in data assimilation and alert generation into slack interface</li></ul>		
Technologies	Javascript, TypeScript, Vue.js, ReactJS, NodeJS, Jest, Redux, InfluxDB, Docker, AWS, Git, AirTable		
QuantifAI Group Ltd		Quantitative Analyst	Jul 2019 – Nov 2019
Key Achievements	<ul style="list-style-type: none"><li>▪ Led a team of 4 from KL, Malaysia to establish the trading strategy frameworks for leading-edge trading systems for immediate implementation into the global markets for QuantifAI group</li></ul>		
Key Responsibilities	<ul style="list-style-type: none"><li>▪ Built custom software architecture for multiple trading strategies using existing and custom financial indicators to help automate trading strategies in forex, options, futures and stocks</li><li>▪ Built data warehousing capability for financial data for &gt;22M Forex Data points using InfluxDB</li><li>▪ Did E2E software architectural modeling and implementation in Algotrader, a Java based Algorithmic Trading Software using automated pre-programmed trading instructions &amp; variables</li><li>▪ Implemented Custom FIX API architecture for the Algotrader platform to connect with brokers</li></ul>		
Technologies	Java/J2EE, InfluxDB, Python, Docker, AWS, GoogleSuite, Algotrader		
Reward360/Axis Bank		Sr. Software Engineer	Dec 2018– Jun 2019
Key Achievements & Responsibilities	<ul style="list-style-type: none"><li>▪ Established self as the single Point of Contact from Axis Bank for building new requirements</li><li>▪ Single-handedly designed &amp; implemented REST APIs in a spring boot microservice for 3<sup>rd</sup> Party Integrations with POS m/c &amp; e-commerce, for the Loyalty Management System of Axis Bank</li><li>▪ Developed the core messaging functionality for sending out bulk Email and SMS notifications</li><li>▪ As the scrum master, revamped and streamlined existing change delivery processes using Jira</li><li>▪ Liaised with DBAs to design schemas for efficient data management of ~80K daily transactions</li></ul>		
Technologies	SpringBoot, ReactJS, JUnit, MySQL, CouchDB, Gradle, JAVA/J2EE, Jira		
Johnson Controls India		Sr. Software Engineer	Mar 2017 – Sept 2017
Key Achievements	<ul style="list-style-type: none"><li>▪ Designed &amp; developed all aspects of the Dynamic Message Sign(DMS) Simulator from backend to UI/UX interactions to simulate functional testing of SNMP based Management Applications</li><li>▪ Single POC for the Australian biz. for design &amp; build of new enhancements and issue resolution</li></ul>		
Technologies	JAVA/J2EE, ReactJS, SNMP4j API		

VMware Software Ltd.		Software Engineer	Feb 2014 – July 2015
Product I - VMware Cloud Director, Product II - VCenter Management Console			
Key Achievements	<ul style="list-style-type: none"><li>Developed new webservice modules from scratch for 2 VMware SDKs in 14 months</li><li>Implemented existing modules to manage cloud infrastructure in JAVA/J2EE using VMware APIs along with providing Debugging and troubleshooting support</li></ul>		
Technologies	JAVA/J2EE, Webservices(RESTful & SOAP), XML/JSON, VMware DVswitch(Routing) API, VMware VCloud API, VMware VCenter management API		
Siemens Information Systems Ltd.		Systems Engineer	July 2011 – July 2013
Key Responsibilities	<ul style="list-style-type: none"><li>Front-ending with client to define, build &amp; develop new business requirements &amp; enhancements</li><li>Managing database connectivity through JDBC, writing queries &amp; J unit test cases</li></ul>		
Technologies	Core Java, JDBC, Servlets, JSP, SQL Server 2005		
VCare Pvt Ltd.		Support Engineer	Feb 2010 – Dec 2010
Key Achievements	<ul style="list-style-type: none"><li>Provided technical support for various Java applications to ensure optimal durability and reliability – Investigated and resolved technical operational issues for maximum user satisfaction</li><li>Deployed custom test scripts to identify &amp; troubleshoot system issues against agreed metrics</li><li>Improved user education by conducting various training programs &amp; demos for the end users</li></ul>		
INDEPENDENT EXPERIENCE			3.3 years
Video Hosting Service		Software Developer/Consultant	Oct 2017 - Nov 2018
Key Responsibilities	<ul style="list-style-type: none"><li>Interfaced with business in getting the complete set of requirements and documenting the same.</li><li>Setup CI/CD infrastructure support for development using Openshift, Docker and Git.</li></ul>		
Technologies	Blockchain, Hyperledger, Openshift		
Social Networking Platform		Software Developer/Consultant	Jan 2016 - Nov 2016
Key Responsibilities	<ul style="list-style-type: none"><li>Designed and developed the authentication/authorization aspects of the application and reactive UI/UX elements using ReactJS with emphasis on usability and responsiveness</li><li>Created database schemas for authentication elements and features including integration of other platform logins such as google and linkedIn</li><li>Liaised with business to gather requirements to create BRDs and platform specific documentation</li></ul>		
Technologies	NodeJS, ReactJS, MongoDB, MySQL, HTML5, CSS		
Horse betting Platform		Data Scientist	Nov 2015 - Feb 2017
Key Responsibilities	<ul style="list-style-type: none"><li>Collated data on previous outcomes by mining from over 5 racing venues across the country</li><li>Determined key metrics by using clustering algorithms &amp; simulations to derive useful insights</li><li>Applied standard data analytics algorithms to predict future race outcomes; ~56% accuracy</li></ul>		
Technologies	Python, Pandas, NumPy		
CERTIFICATIONS & TRAININGS			
VCenter ICM Training	Hands on introduction to essential functions of VCenter server		VMware, 2014
VCloud Director ICM	Insight into creating cloud environment using the VCloud Director		VMware, 2014