Sanjay Krishna CM

Fullstack Quant Developer

Contact

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Skills

Programming Languages
Java • Javascript • Python • Go(Beginner) • HTML

Web Technologies
RestAPI • FIX API • Websockets

Application Frameworks
SpringBoot • NodeJS • ReactJS • FastAPI

Databases and Database Frameworks
MySQL • PostgreSQL • MongoDB • GraphQL • CouchDB • InfluxDB • TimescaleDB • Hibernate

Testing Frameworks/Libraries
Junit • Jest • Mockito

Deployment Tools
Git • Jenkins • Maven • Gradle • SVN • AWS • GSuite • Docker • Openshift

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- **Senior software architect/consultant** with over 3 years of experience in **algorithmic trading development**.
- **Proven expertise** on end-to-end delivery of various Product development projects incl. requirement **analysis, design & development** with companies like **Siemens**, **VMware**, Johnson controls & **Axis Bank**.
- **Highly motivated** to **learn**, **grow** and **excel** in **fin-tech**

Work History

2020-07 - 2021-02

Fullstack Expert

Brilliant Hire, Bengaluru, India

- **Designed architecture** strategies for large-scale System-wide application **deployments**
- **Communicated** software architecture strategies to **senior leadership** and third-party business leaders

2019-11 - 2020-04

Senior Software Engineer

Okra Solar Ltd, Phnom Penh, Cambodia

- **Collaborated** with cross-functional development team members to **analyze potential system solutions** based on evolving client requirements for **IoT based solar smart-grids in off-grid** populations

2019-07 - 2019-11

Quantitative Analyst/Developer

QuantifAI Group Ltd, Kuala Lumpur, Malaysia

- Led a team of 4 engineers guiding on all aspects of **coding, back-testing, paper-trading and live-trading** strategies for **forex** instruments
- **Built data warehousing** capability for financial data for **>22M Forex Data points**

2018-12 – 2019-06

Senior Software Engineer

Axis Bank Ltd, Bengaluru, India

- Single-handedly **designed & implemented** REST APIs in a spring boot micro-service for 3rd Party **Integrations with POS and e-commerce**, for the **Loyalty Management System**
- **Developed the core messaging** functionality for sending out **bulk Email and SMS** notifications

2017-10 – 2018-11

Software Developer/Consultant

Video Hosting Service Bengaluru, India

- **Interfaced with business** for collection and documentation of requirements
- **Setup CI/CD** infrastructure support for development

2017-03 – 2017-09

Senior Software Engineer

Johnson Controls India, Bengaluru, India

- **Designed & 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
- Single POC for the Australian biz.

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.

2015-11 – 2017-02

Software Developer/Consultant
Horse betting Platform, Bengaluru, India
- **Automated data-collection**(web-scraping) and storage.
- Determined key metrics by using **clustering algorithms** & simulations to derive useful insights
- **Applied** standard data analytics algorithms(**LSTM**) to predict future race outcomes

2016-01 – 2016-11

Software Developer/Consultant
Social Networking Platform, Bengaluru, India
- **Designed and developed** the **authentication/authorization** components and **integrated OAuth**
- Liaised with business to gather requirements to **create BRDs** and platform specific **documentation**

2014-02 – 2015-07

Software Engineer
VMware Software Ltd, Bengaluru, India
- **Developed** new **web-service modules** from scratch for 2 **VMware SDK**s in 14 months
- **Implemented** sample **applications** for demo of VMWare SDKs along with providing **debugging and troubleshooting support**

2011-07 – 2013-07

Systems Engineer
Siemens Information Systems Ltd, India
- **Collecting, documenting** internal client **requirements** and implementing solutions
- Writing **performant and maintainable code** working on a **healthcare** application

2010-02 – 2010-12

Support Engineer
VCare Pvt Ltd, Noida, India
- Provided technical support for various Java applications
- Improved user education by conducting various training programs & demos for the end users.

Education

2005-09 – 2009-02

B.Tech.
Amity School Of Engineering And Technology Noida