

# SANKET SAHA

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## SUMMARY

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Full Stack Developer with 8+ years' experience of building large-scale enterprise systems in the P&C Insurance, Oil & Gas (e-commerce) & Health care. Having an ability to translate complex business requirements into technical solutions, in-depth exposure in microservice design, implementing web UI, data modelling, and agile methodologies.

## EXPERIENCE

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### Optum (UNITED HEALTH GROUP)

January'21 – Present

### Senior Software Lead, Hydra (VBRS) - HYDERABAD (INDIA)

*Technology – Spring boot, Spring Batch, Docker, Kubernetes, Kafka, MySQL, Amazon S3, Spring Integration, QueryDsl*

- Developed finance module (3 micro services) independently, leveraging Kafka for efficient asynchronous communication, having benefit to restart transaction and can process around 100 thousands of transaction in less than 3 min.
- Spearheaded the development of reusable libraries tailored (Object Storage, Kafka Config, Spring Parent Wrapper) to microservices architecture, been used by 30+ microservices as dependency comprehensively enhance system reusability and clean coding.
- Led a team of 4 interns to apply AOP to enhance logging techniques, improving traceability and overall system visibility across 30+ services.
- Build POC for Spring cloud config and demonstrate capability on how it will ease development for 30+ services.

### Senior Software Engineer, Pegasus (VBRS) - HYDERABAD (INDIA)

*Technology – React, Redux, Ant D, React-Router, ChartJs, Axios, React-Query, Dayjs, Typescript, OAUTH, SCSS*

- Took a central role in shaping the VBRS UI project, making key decisions on various low-level challenges. This included choices on libraries, state management, authentication, authorization, and ensuring API communication with all services.
- Spearheaded UI design and flow development using React, creating a positive feedback loop with stakeholders, resulting in continuous improvement and implementation.
- Build multiple custom component wrapper to facilitate rapid development and maintain a consistent, aesthetically pleasing UI across the entire application.
- Established style guidelines, coding standards and streamlined UI development process for system building from scratch.

### Senior Software Engineer, Online Billing System (OBS) - HYDERABAD (INDIA)

*Technology - Angular 11, Spring boot, DevOps, Docker, Kubernetes, Jenkin, Open token, Sonar, Fortify, Oracle 10g, Spunk*

- Independently contributed to key modules such as Invoice Payment, Customer Consolidation, and User Activity.
- Implemented spring micrometer to identify each transaction uniquely across multi-tier architecture and facilitating the secure passing of JWT tokens across distributed system from angular UI.
- Enabled real-time sharing of payment transactions with other UHG modules, enhancing overall system efficiency. Took ownership of priority issues, providing direct assistance to customers during demand calls.

**Deloitte USI**  
**April'17 – December'20**

**Consultant, ExxonMobil.** - HYDERABAD (INDIA)  
*Technology – Spring, Hybris, Angular JS, Jenkin, MongoDB, MySQL, Solr, TFS, Sonar, Python, Ant, OSGI, ActiveMQ*

- Worked as an individual contributor and full-stack developer to align client visions with in-house wireframe designs.
- Independently handled complex functionalities such as Full Palletization, Volume Control, Market Validation Rules, Email & Order Management Module, Order Edit, Alert & Service Request redesign, Quotation Order, and User group.
- Build a POC independently to automate the entire translation process and minimize or remove human intervention by 70% and make the entire process time-efficient using python.
- Improved the Order Sync failure with the SAP system and reduced the failure percentage down by 90 by identifying race condition, data inconsistency and failure points.

**Tata Consultancy Services**  
**September'15 – April'17**

**System Analyst, Cross Coverage Validation (CCV): USAA** - HYDERABAD (INDIA)  
*Technology – Apache Wicket, Mainframe, Agile, Java 6, Junit, QPP*

- Redesigned and developed CCV, aiming for a consistent member experience across MSR, Mobile, and .com channels. Achieved reduced maintenance and improved security by executing CCV rules in the Server Side.
- Responsible for identifying impacted system components, conducting regular stand-up meetings, adhering to coding standards, code versioning techniques, and quality processes to minimize rework from reviews. Involved in defect fixing during system testing.

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## ADDITIONAL CONTRIBUTION

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- Developed a school management website independently and been used for a year with 400 students enrolled. ( [URL](#) )
- Participated Hackathon in UHG (Customized Pricing for B2C) and in Deloitte (Automatic Stock Replenishment).
- Solved 70+ Leetcode problem on Algorithm & Data Structures, and an avid technical blog reader.
- Contributed to opensource community, and participated in Hacktoberfest, earned prize for the same.

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## TECHNICAL DETAILS

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- 🚦 Programming - Java 11, JavaScript, Design Pattern, Data Structures, Algorithms.
- 🚦 Backend – Spring.
- 🚦 UI - React 18, Redux, Angular 10.
- 🚦 Databases - MySQL, Oracle 10g, MongoDB, Solr.
- 🚦 Cloud Platform - Azure.
- 🚦 Tool – Splunk, Git, AWS S3, Grafana
- 🚦 Deployment - Docker, Jenkin, Kubernetes.
- 🚦 Streaming Platform – Kafka.

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## EDUCATION

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July 2011 – August 2015

B-Tech in Information Technology, Visakhapatnam, [GITAM University](#)