

SANKET SAHA

Hyderabad (INDIA) | +91 8886860461 | sanketsaha@gmail.com | [isanketsaha.github.io/](https://github.com/sanketsaha)

OBJECTIVE

Full Stack Developer with 8 years of industry experience, highly proficient in Spring & React with an ability to translate complex business requirements into technical solutions, having in-depth exposure to application architecture design and implementation of large-scale enterprise systems.

CAREER OVERVIEW

- ✓ A full-stack professional with extensive exposure to distributed architectures and microservices, primary exposure to P&C Insurance, Oil & Gas (e-commerce B2B Marketplace) & Health care.
- ✓ Extensive Production experience in global eCommerce, systems integration, and custom application development with additional emphasis on system architectures, cloud-based solutions, administration, application development, and system-level security, database design, and multi-tier architectures.
- ✓ Solid Exposure in implementing Service-Oriented Architecture, optimizing fault tolerance and enhancing service capability to manage load effectively. Also skilled in reducing response time during application design.
- ✓ Hacker Rank badge holder for Python, Java, 30 days of coding, and problem-solving.
- ✓ Created a pluggable re-usable asset for the Hybris platform. That will allow the business to index external content and benefit them with better search results.
- ✓ Working Independently on a POC 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 Sync failure with the SAP system and reduced the failure percentage down by 90.
- ✓ Participated in the UHG hackathon, our prototype was under top 25 across UHG worldwide.
- ✓ Independently working on a POC to showcase React JS capabilities, setting up the project environment and coding standards.

EXPERIENCE

January'21 –
Present

Senior Software Lead, Optum (United Health Group)

Value-Based Reimbursement Service (VBRs)

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

I've played a pivotal role in shaping the VBRs project - a centralized solution catering to UHG employees' capitation, incentive, target, and configuration needs. This forward-looking application modernizes and streamlines processes, consolidating diverse services into a unified platform. I've spearheaded this endeavor, pioneering UI design and flow development using React, a contribution that has garnered positive feedback from essential business stakeholders. Taking the project from the ground up, I've taken charge of end-to-end development, ensuring adherence to stringent coding standards and practices. A notable highlight includes my autonomous design and successful implementation of authentication through OIDC and OAuth protocols.

Value-Based Reimbursement Service (VBRs - Hydra)

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

I've been deeply involved in the finance module, orchestrating the creation and transmission of invoices to an integration service for processing. This process is enhanced by our seamless use of Kafka, facilitating asynchronous communication and feedback management.

Beyond these core responsibilities, I've been instrumental in developing reusable libraries that cater to the recurrent needs of our microservices. One such library is the Kafka Config library, streamlining configuration and certificates management, alongside addressing repetitive coding patterns. Another key contribution is the Object Storage library, which equips us with fundamental functionalities such as object upload, listing, and generating presigned URLs.

In tandem, I've amplified logging techniques through the implementation of log patterns, enhancing traceability and overall system visibility. This comprehensive approach to enhancing functionality and performance underscores my dedication to excellence in development.

Collectively, these experiences showcase my aptitude for innovation and solution-driven development, making me an invaluable asset to any project.

Online Billing System (OBS)

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

OBS is a customer-facing portal that is directly used by all UHG customers for making payments. This project was primarily responsible for redesigning the legacy UHG billing application to modernized microservice architecture. I have independently contributed to Invoice

Payment, Customer Consolidation & User Activity. Payment transactions were shared in real-time with other UHG modules. Involved in implementing & designing the token concepts for authentication and passing of JWT token across distributed microsystems. Additionally, owning priority issues and providing direct help to the customers on technical challenges, resolving them during demand calls.

**April'17 –
December'20**

Consultant, Deloitte USI

ExxonMobil

Technology – Spring, Hybris, Angular JS, Jenkin, MongoDB, MySQL, Solr, TFS, Sonar, Python, Ant, OSGI, ActiveMQ

ExxonMobil Ecommerce implementation on SAP Hybris and angular 1.7. Worked as an individual contributor, full-stack developer to combine the vision of clients with in-house wireframe designers to provide clear design specifications and solutions. Independently handled a few of the complex functionalities (Full Palletization, Volume Control, Market Validation Rules, Email Module, Order Management Module, Redesign of SR & Integration, Order Edit, Alert redesign, Quotation Order & PDF, Email, User group) requested by the client. Stepped up during the time of resource crunch and extended support for Business queries having aggressive timelines.

**September'15
– April'17**

System Analyst, Tata Consultancy Services

Cross Coverage Validation (CCV): USAA

Technology – Apache Wicket, Mainframe, Agile, Java 6, Junit, QPP

USAA is a financial services group of companies providing services to only United States government employees. Creating a next-generation experience for taking an insurance policy. We have redesigned and developed CCV so that the application should be loosely coupled with presentation technologies, scalable and reusable. It aimed at bringing uniform member experience across all the channels of sale namely MSR, Mobile, and .com. This helped in less maintenance and improved the performance by performing CCV rules in UI itself. Responsible for analyzing the existing system and coming up with required design changes to suit the business rules and documenting the design strategy for the given requirements, identifying impacted system components. Conducting regular stand-up and providing the scrum meeting updates to the scrum master, following coding standards, code versioning techniques, and quality process to reduce rework from reviews. Involved in defect fixing activity as a part of system testing.

TECHNICAL DETAILS

- ✚ **Architecture Style** - Microservices, Monoliths, SOA
- ✚ **Programming** - Java 8, Typescript, Javascript
- ✚ **Backend** - Spring Boot, Junit, Oauth, Spring Batch, Spring Security, Spring Integration
- ✚ **UI** - Angular 10, React 18, Redux, OIDC, Ant Design, React-Route, React Query, Axios, Ant Design.
- ✚ **Databases** - MySql, Oracle 10g, MongoDB, Solr.
- ✚ **Cloud Platform** - Openshift, GCP.
- ✚ **Build Tool** - Maven, Ant, OSGI.
- ✚ **Deployment** - Docker, Jenkin, Kubernetes, Git, Splunk, Google Analytics, Sonar.
- ✚ **Streaming Platform** – Kafka.
- ✚ **Additionally** - AWS S3 Bucket, Design Pattern, Data Structures, Algorithms

EDUCATION

July 2011 – August 2015 B-Tech in Information Technology, Visakhapatnam, GITAM University

July 2009 -June 2011 Intermedia in Science (CBSE), Visakhapatnam, Vikas Vidyanikatan