VINOD KUMAR

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Resume Highlights:

- Over 15 years of expertise in Software Development, Design, and Project Implementation
- Currently, working with Esko India Pvt. Ltd.
- Proficient in Object-Oriented Programming and design, as well as functional programming and design.
- Skilled in end-to-end development, encompassing requirement analysis, system study, design, coding, testing, debugging, documentation, and implementation.
- Experienced in Cloud Computing with a focus on platform development for delivering software products as SaaS, extensively utilizing Amazon Web Services (AWS) across various project modules.
- Proficient in technologies including Core Java, Scala, Web Services, AWS, and Elasticsearch.
- Possess strong analytical and problem-solving abilities.
- A collaborative team player equally capable of working independently.
- Quick learner with a continuous enthusiasm for adopting new technologies.

TECHNICAL SKILLS

Programming Language(s)	Java, Scala
Framework/ Technologies	Spring, Akka, REST Web Services, AWS, Microservices, Hybris, JUnit, RestAssured, Serenity
Application Server	Tomcat, JBoss
Tools	Eclipse, SVN, Git, Perforce, Swarm, MS-Visio, Confluence, SoapUI, Postman, Jira, Dynatrace, Kibana, Jenkins, Docker, Kubernetes
Database	Oracle 11g, MySQL, MS-SQL, ElasticSearch, RDS, Cassandra, MongoDB, DynamoDB

WORK EXPERIENCE

Esko Pvt Ltd, Bangalore - (Dec 2018 – Till now)
Principal Software Engineer

Overview:
- Leading development efforts for Esko Cloud, a SaaS-based platform for packaging management products.
- Responsible for designing and developing microservices, ensuring best practices and quality standards.
- Coordinating with cross-functional teams for seamless integration.

Key Achievements:
- Successfully delivered multiple microservices, including Share & Approve, IAM, and Cape.
- Currently leading CAD Cloud microservice development.

Technologies: Java 8, Spring, AWS, Elastic Search, Scala, Akka
Roles and Responsibilities:
- Requirement gathering and estimations.
- Preparation of functional specifications and design documents.
- Implementation of system modules.
- Conducting design and code reviews.
- Guiding and mentoring team members.

Sapient Consulting Pvt Ltd, Noida – (Apr 2014 to Nov 2017)
Sr. Associate Technology L2

Key Projects

Project: Keurig (Sep 2016 – Nov 2017)
Client: Keurig
Location: Noida
Overview:
- Implemented Data Hub for incremental e-commerce data transfer to a third-party system for keurig.com.
- Developed Smart Pantry, enabling IoT-enabled brewers to trigger coffee pod orders when inventory falls below a threshold.
- Contributed to the Hybris upgrade project for Keurig Canada.

Technologies: JDK 1.8, Oracle, MS-Sql Server, Hybris v6.1, Scala, Akka, Spring Integration
Roles and Responsibilities:
- Gathered requirements.
- Prepared High-Level and Low-Level Design documents.
- Designed and implemented various system modules.
- Optimized code and SQL queries for performance improvement.
- Managed deployment.

Project: CSM Bakery (Apr 2016 – Aug 2016)
Client: CSM Bakery Solutions
Location: Noida

Overview: Developed a B2B e-commerce site for CSM Bakery Solutions, utilizing Hybris v6.0.
Technologies: JDK 1.8, Oracle 12c, Hybris v6.0

Roles and Responsibilities:
- Set up the base framework.
- Designed and implemented a hot folder system to ingest user, product, category, price, and other feeds from SAP.
- Implemented the Product Cockpit.
- Conducted peer code and design reviews.
- Emphasized the use of tools like Sonar for quality assurance.

Project: Medtronic (16 months)
Client: Medtronic
Location: Noida

Overview:

- Collaborated on development and design of an integrated B2B ecommerce system for Medtronic, facilitating the purchase of medical equipment in Cardiovascular, Diabetes, and Spine facilities.
- The system was for enabling browsing and purchasing of Spine surgery products across multiple hospitals and users.

Technologies: Java 1.8, Hybris v5.7, Spring

Roles and Responsibilities:
- Designed and implemented a Rule Engine for generating system alerts to guide sales representatives and managers in making informed decisions.
- Developed RESTful services utilized by iOS devices employed by sales representatives.
- Designed and developed dynamic reports with Excel output.
- Implemented bulk CSV records uploading functionality.
- Conducted peer code and design reviews.

HCL Technologies, Noida – (Sep 2007-Feb 2014)
Lead Engineer

Key Projects

Project: KM SaaSGW Development (7 months)
Client: Konica Minolta
Location: Noida
Technologies: Java1.6, SQLite, ejabberd Server

Overview:
- Developed the SaaS Gateway (SaaSGW) to serve as a communication bridge between devices within customer networks (businesses using Konica Minolta's Software-as-a-Service) and cloud-hosted SaaS software.
- Deployed SaaSGW on Linux-based sBox, which customers installed within their LAN to access Konica Minolta's SaaS applications.

Roles and Responsibilities:
- Analyzed business requirements.
- Prepared Software Requirement Specifications (SRS), High-Level Design (HLD), and Low-Level Design (LLD) documents.
- Implemented features for detecting and registering devices in the network into the database and KMCore (Authentication & Authorization module).
- Developed functionality to monitor existing devices and notify KMCore of any changes.
- Conducted code and document reviews.
- Additionally, served as the Project Quality Assurance (PQA) resource for the project.

Project: KMSD RMS Development (12 months)
Client: Konica Minolta
Location: Noida
Technologies: Jdk1.6, RDS (MySQL), ejabberd, C++, Qt

Overview:
- Developed a system allowing Konica Minolta admin users to remotely manage software installed on sBoxes (Linux boxes) at customer office LANs.
- Comprised server and client components, with the client (RMS Agent) installed on sBoxes within customer networks and the server deployed in the cloud.
- Implemented communication between the server and client via XMPP/BOSH.
- Key functionalities included remote installation, upgrades, start/stop/restart, backup/restore of software, and on-demand log retrieval for analysis.

Roles and Responsibilities:
- Analyzed business requirements.
- Prepared and reviewed Software Requirement Specifications (SRS), High-Level Design (HLD), and Low-Level Design (LLD).
- Developed the core functionality of the RMS Agent (client-side component in C++/Qt).
- Conducted code reviews for both Java and C++.
- Provided technical problem-solving solutions to the team.
- Additionally, served as the Project Quality Assurance (PQA) resource for the project

Project: KMSD Cloud Platform
Client: Konica Minolta
Location: Noida
Environment: Jdk1.6, AWS, Spring, JBoss

Overview:
- Created a cloud ecosystem for delivering Konica Minolta's services to customers through a subscription-based model.
- Developed a platform serving as the service management component of this cloud ecosystem.

Roles and Responsibilities:
- Analyzed and understood business requirements.
- Prepared Software Requirement Specifications (SRS), High-Level Design (HLD), and Low-Level Design (LLD).
- Developed CXF Web Services for integrating with SaaS applications.
- Implemented an Amazon SQS listener.
- Designed and developed a mail sender utilizing Amazon SES for email notifications.
- Provided solutions for implementing High Availability (HA) and Disaster Recovery (DR).
- Developed a generic monitoring module for monitoring cloud-hosted applications using Amazon CloudWatch.

Project: Elsevier ETL
Client: Elsevier
Location: Gurgaon

Environment: Scriptella, MySQL, Jdk1.6

Overview:
- Developed an application for automatically extracting incremental data from the Mantis database (an issue logging and tracking tool used in Elsevier's AMS Project).
- Transformed the extracted data into the desired format for generating various SLA reports.

Roles and Responsibilities:
- Analyzed and understood business requirements.
- Developed Scriptella scripts for data extraction and transformation.
- Created SQL queries to support the ETL process.

Project: Merck
Client: Merck - HCL
Location: Chennai

Technologies: MS-SQL reporting services

Overview: Developed a Business Portal serving both Merck and HCL teams.

Roles and Responsibilities:

- Analyzed and understood business requirements.
- Developed and deployed an Online SLA Report within the portal.
- Designed and implemented a Rule Engine for the Online SLA Report.

EDUCATIONAL QUALIFICATION

- B.Sc. (Applied Information Technology) from SMU, 2006.
- Advanced Diploma in Software Engineering, Aptech, 2006

AWARD & RECOGNITION

- Received consecutive O2 Awards in 2012 and 2013 at HCL Technologies.
- Earned multiple Live Wire Recognition Awards during my tenure at HCL Technologies.
- Received multiple Client Impact Awards at Sapient.
- Emerged as the champion in numerous Hackathons and Experiment Day events at Esko.

PERSONAL DETAILS.

Nationality   : Indian

Languages Known   : English & Hindi