



VIJAY PRATAP SINGH

SOFTWARE ENGINEERING SPECIALIST

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SKILLS

PROGRAMMING LANGUAGES AND FRAMEWORKS

JAVA
SPRING BOOT
HIBERNATE
MICROSERVICE
NODEJS
SOLIDITY
SAP HYBRIS

DATABASES

MySQL
PostgreSQL
MongoDB

WEB TECHNOLOGIES

REACTJS
ANGULAR
IONIC
JAVASCRIPT
SOAP
REST

VERSIONING TOOLS

GIT

SCRIPTING

GROOVY
SHELL

CLOUD

AWS EC2
SAP CLOUD
AWS SQS
AWS S3

EDUCATION

BACHELOR OF TECHNOLOGY INFORMATION TECHNOLOGY

Mangalayatan University
2008 – 2012

CERTIFICATION

CERTIFIED BLOCKCHAIN DEVELOPER

BLOCKCHAIN COUNCIL
February 2022

SUMMARY

10+ years of experience in developing and designing applications using Java, NodeJS, Solidity, Spring Boot, SAP Hybris, Hibernate, MySQL, Design Patterns, and Design Principles.

Proficient in developing Decentralized applications with Blockchain technologies like Ethereum, Filecoin, TRON.

Skilled in web technologies like ReactJS, Angular, Ionic, and scripting languages like groovy, shell, and versioning tool GIT.

Expertise in deploying and maintaining applications on cloud platforms such as AWS EC2, SAP Cloud, and utilizing cloud services like AWS SQS, AWS S3.

Demonstrated ability to implement software projects that aid businesses in achieving their operational and strategic goals by rapidly deploying end-to-end functionality to serve customers.

Experienced in developing software solutions by analyzing information needs, consulting with users, studying system flow, data usage, and work processes.

Capable of determining operational feasibility by evaluating analysis, problem definition, requirements, solution development, and proposed solutions.

WORK EXPERIENCE

SOFTWARE ENGINEERING SPECIALIST

BLOCKCHAIN COMMODITIES DMCC | DECEMBER 2021 - PRESENT

- Designed and developed a Peer-to-Peer atomic swap flow, facilitating the exchange of crypto assets, including tokens and NFTs, across blockchains.
- Developed both backend and frontend solutions that seamlessly integrate with blockchains and smart contracts on various networks, such as Ethereum and TRON
- Authored smart contracts for these networks, enabling decentralized transactions on the platform.
- Researched optimal solutions for decentralized resolutions of given requirements over blockchain technologies.

STAFF SOFTWARE ENGINEER

GE HEALTHCARE | DECEMBER 2017 - PRESENT

- At GE Healthcare, my role was to lead software development teams that work in the eCommerce platforms in various technologies
- Designed and developed components for an eCommerce application that sells handheld ultrasound devices across 30+ countries and made the application flexible to support multiple currencies, multiple languages, multiple tax types.
- Designed a Payment Engine application that could register credit cards and make payments through multiple payment service providers, integrate into any GE Platform for making payments, pass level 2 and 3 data to save around 1.5% on every transaction.
- Implemented Web Service Integrations, CMS, Backoffice, Email Processes, CRON Jobs, Deployments of Application on SAP, and AWS Servers.

HOBBIES

ROAD TRIPS
TRAVELLING
COOKING
GUITAR

WORK EXPERIENCE CONT...

TECHNICAL SPECIALIST

IDEAAPPLIED TECHNOLOGIES | JUNE 2016 – DECEMBER 2017

- Implemented design and development solutions using Ionic, Angular, Java, Spring, and Hybris applications at Ideaapplied.
- Developed components for an eCommerce site that provides subscription-based food services and generates a food menu for each type of subscription a week in advance.
- Worked on implementing web services for an IoT home automation application that can manage devices like sprinklers, doors, lights, etc. via a mobile application.

SENIOR SOFTWARE ENGINEER

RAZORFISH TECHNOLOGIES | AUGUST 2012 – JUNE 2016

- At Razorfish, I translated design solutions into code for applications that utilized Java, Groovy, and Hybris technologies.
- Customized a Hybris eCommerce application to enable customers to purchase custodial schemes for rental deposits in compliance with UK law. I developed solutions for back-office customization, user impersonation, and disputing custodial amounts.
- Developed a Groovy on Grails eCommerce application that provided subscription-based farm produce to customers. Implemented code solutions for features like CRUD operations, box customization, skip a delivery, vacation mode, and donate a box.
- Implemented solutions using AWS SQS, AWS S3, and Jasper reports while working at Razorfish.

AWARDS

HEALTHCARE CIO AWARD

April 2021 | GE Healthcare

DELIVER WITH FOCUS & DRIVE OWNERSHIP

June 2020 | GE Healthcare

EXTRA MILLER AWARD

January 2020 | GE Healthcare

IMPACT AWARD

October 2018 | January 2019 | April 2020 | August 2020 | GE Healthcare

THE SHINING STAR

January 2016 | October 2014 | October 2013 | Razorfish Technologies

SPOT AWARD

November 2015 | February 2015 | February 2014 | Razorfish Technologies