

RAVI CHAUDHARY

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PROFILE HIGHLIGHTS

- Proficient in an array of languages like Java, JavaScript, NodeJS and web development platform and framework
- Possess a Bachelor of Computer Engineering and a Computer Systems Technician in Software Support Diploma
- Fluent in English, Hindi, and Gujarati (native tongue)
- Exposure to various stages of the SDLC; including development, testing, troubleshooting and debugging of software
- Worked on Agile Methodology for Software development

TECHNICAL SKILLS

- **Programming Language:** Java, NodeJS, PL/SQL
- **Framework:** Angular 8, Spring Boot, Spring Cloud Stream, Loopback, Express, Bootstrap
- **Cloud:** IBM Bluemix (IBM Cloud), PCF, Openstack, AWS, Azure
- **Database:** MongoDB, ElasticSearch, MySQL, Oracle, MsSQL, CouchDB, PostgreSQL, IBM DB2, Cosmos, Cassandra, AzureSQL
- **Web Development Languages:** Html, Css, JavaScript, Json, Xml, Ajax, JQuery
- **Development Tools:** JIRA, Rally, GIT, SourceTree, Docker, Vagrant, PhoneGap
- **Version Control Tools:** Github, Bitbucket, Gitlab
- **CI/CD tools:** Jenkins, Urban Code deploy, CircleCI, Bamboo, Ansible, Azure DevOps, Concord
- **Testing Tools:** Selenium, Selenium WebDriver, Junit, Mocha, Chai, Mockito, Robot framework
- **Platforms:** Windows, Linux (RHEL, CentOS, Ubuntu), Macintosh
- **Web Server:** Nginx, Apache, Tomcat
- **Analytics Platform:** ELK (ElasticSearch, Logstash, Kibana) Stack
- **Monitoring Tools:** Splunk, Dynatrace, Sumologic, Prometheus, Grafana
- **Message Queuing:** RabbitMQ, AMQP, Apache Kafka
- **Service Mesh:** Istio, Linkerd
- **Others:** MS Visio, Web Services API using REST, ECMAScript 6, TypeScript, Nifi, Hadoop HDFS, K8s

EXPERIENCE

Senior/Lead Software Engineer Walmart Global Tech, Bentonville, Arkansas	Dec 2023 – Current
Senior Software Developer III (Contract) Walmart Global Tech, Toronto	April 2022 – Dec 2023

Walmart is an American multinational retail corporation that operates a chain of hypermarkets (also called supercenters), discount department stores, and grocery stores in multiple countries.

- Write, modify, integrate and test software code using Java 8
- Led development of a geo-regional multi-tenant system, boosting scalability and optimizing performance

- Worked on international inventory management
- Near-real time message processing using Kafka
- Productionize container deployment in K8s
- Technology tech includes Java8, Java17, Spring Boot, Kafka, Maven, Jenkins, Kubernetes, Github, Jira, Azure SQL Server, CosmosDB, SonarQube, Mockito, Azure, Splunk, Dynatrace, Docker, Concord, Cassandra, Prometheus, Grafana, Service Mesh (Istio and Linkerd).

Senior Software Development Engineer
Ethoca (A Mastercard company), Toronto

June 2019 – April 2022

Ethoca is a secure global network for card issuers and merchants to collaborate, preventing ecommerce fraud and providing chargeback protection and representment.

- Write, modify, integrate and test software code using Java 8 and JavaScript technologies
- Develop zero trust cloud distributed data platforms with high availability concerns which are easily horizontally scaled
- Automate the build pipeline to build continuous integration and delivery pipeline
- Worked on PCI DSS certified environment
- Technology tech includes Java8, Angular8, Spring Boot, Maven, Jenkins, OpenStack, Gitlab, Jira, IBM DB2, CosmosDB, NPM, SonarQube, Mockito, Okta, Aws, Azure, Azure DevOps, Splunk, Dynatrace, Docker, Akamai Edge/CDN, Akamai NetStorage, Akamai Image Manager, AWS Rekognition, Google Places APIs.

Full Stack Developer
Investor and Treasury Services – RBC (Royal Bank of Canada), Toronto

April 2017 – June 2019

RBC Investor & Treasury Services is a specialist provider of asset services, custody, payments and treasury services for financial and other institutional investors serving clients from multiple countries, delivering services to safeguard client assets and maximize liquidity.

- Design, develop and test a large-scale, custom distributed enterprise software system using Java 8 and JavaScript technologies: Java Spring Boot, Angular 4 and Cloud Foundry.
- Integrated messaging system using Apache Kafka and Spring Cloud Stream.
- Manage deployment and infrastructure of MongoDB replica set along with MongoDB Ops Manager.
- Written unit, integration and end to end test using Junit, Mockito, Robot framework, Mocha, Chai.
- Working in an agile development practice including test and deployment automation as well as Continuous Integration using Jenkins to improve overall execution speed and product quality.
- The technologies tech includes Java8, Angular4, Typescript, Bootstrap, Java Spring Boot, NPM, Maven, Jenkins, SonarQube, IBM Bluemix, Cloud Foundry, Robot Framework, MongoDB, Spring Cloud Stream, Kafka, Nifi, Ansible, Github Enterprise, Rally, IBM Urban Code Deploy, Mockito, Elasticsearch.

Industry Partnership Project Developer
iDeaWORKS – Mohawk College, Hamilton

January 2016 – March 2017

iDeaWORKS is a Mohawk College's applied research and innovation department which helps Canadian and international businesses, non-profits, governments and other organizations grow and innovate through applied research and innovation projects

- Designed and developed backend system for Immunization Connect Ontario project
- Integrated full stack app using Docker and also with IBM Bluemix platform
- Created Nginx configuration for the application to work as a Multitenant app
- Used Strongloop, NodeJS with CouchDB and PostgreSQL
- Implemented RabbitMQ message queuing for post processing after submission
- Developed web analytics using ElasticSearch, Logstash and Kibana
- Designed test suites and test cases using Mocha and Chai
- Followed Agile methodology for Software development with the use of Bitbucket, JIRA and other Atlassian products for project development and tracking

Student Developer (volunteer)

February 2013 – June 2014

Vishwakarma Government Engineering College, India

Institute affiliated with Gujarat Technological University offers higher education in various fields of Engineering and Technology

- Designed and developed web application for Training and Placement cell using Php, MySQL and Apache Web Server
- Used Assembla for version control with Tortoise SVN client
- Involved in complete SDLC from requirement gathering to test phase
- Deployed the application on web hosting using cPanel and FileZilla FTP client

Web Developer (volunteer)

April 2012 – September 2012

Metatagg Solutions, India

Metatagg Solutions is a prominent web design & development company that proffers value-added & quality services with new technology

- Developed CMS based web application using Php, MySQL, Ajax and Apache Web Server
- Troubleshooting development problems
- Subsequent alterations of design based on user requirement changes

ACADEMIC HIGHLIGHTS

Computer Systems Technician - Software Support

January 2015 – December 2016

- Mohawk College, Hamilton
- Dean's Honours (every semester) and Honours Graduate
- 100% in the following subjects: Html & Css, Programming in Java, Php & Javascript, Html5 & Mobile Web Development and Web Application in Asp.net

Bachelor of Computer Engineering

July 2010 – June 2014

- Gujarat Technological University, India
- Developed training and placement website for college