

# KISHAN AGARWAL

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Website: [kishan0071234.github.io/PersonalWebsite\\_v1/](https://kishan0071234.github.io/PersonalWebsite_v1/)

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## SUMMARY:

Dynamic Technologist with 3 years of experience in Java Development, Manual Testing and Automation Testing. Excellent communication skills and able to strengthen with peers, stakeholders & cross-functional teams.

## EDUCATION:

### **Purdue University**

**Hammond, IN**

**Master's, Computer Science (GPA – 3.9/4.0)**

**January 2018 – December 2019**

**Coursework:** Algorithms (Sorting, Trees, Divide and Conquer, Dynamic Programming), Bigdata (Hadoop, Hive, Spark, Flume), Operating System, Software Design, Parallel Programming, Data Mining.

### **Jawaharlal Nehru Technology University**

**Hyderabad, India**

**Bachelor's, Electronics and Communication Engineering (GPA-3.3/4.0)**

**June 2011 – May 2015**

## GITHUB PROJECTS:

**Index Gmail Promotions Tab to Elasticsearch** (Integration of Google Gmail API):

- Developed Search Engine using Java8, Object Oriented Design and Rest API.
- Kibana is used to visualize promotions by keywords, names and promotion count.

## EXPERIENCE:

### **Software Engineer, AllState, San Francisco**

**Feb 2020 – June 2020**

- Developed a wallet Microservice to store payment methods like Zelle, Card and Bank Account, by using Spring Boot and by using Object oriented Design Patterns.
- Participated in designing the API and updated Open Spec API for the services.
- Implemented Test Driven Development process using Junit and Mockito Framework while writing code.
- Worked on developing Microservices using Domain Driven Design and Event Driven Pattern by integrating messaging platform like RabbitMQ using Spring Webflux Framework.
- Monitored the services in production using Splunk and Kibana.
- Collaborated with cross functional teams to gather the requirements.

### **Sr. Full Stack Software Developer Intern, IBM, San Jose**

**June 2019-August 2019**

- Developed Issue Creation Tool with Java to automate failed Jenkins Job and participated in IBM Hackathon.
- Integrated Github and Zenhub Rest API to create Issue and add labels, releases, log files to the Issue.
- Performed UI Testing using Data Driven Framework to Automate IBM Watson Knowledge Catalog.
- Involved in API Testing for the IBM Watson Knowledge Catalog Web Services API.
- Design and development of the dashboard for real-time time series data visualization using AngularJS.

### **Graduate Teaching Assistant, Purdue Northwest University, Hammond**

**January 2019 – May 2019**

- Facilitate students to design processor using FPGA (Cyclone V) device and deploy VHDL code in Quartus Prime.

### **Java Developer, Charter Global, India**

**April 2016 - Dec 2017**

- Devised reporting module in SAP Hybris(E-commerce) by Integrating additional layers of complex applications such as loyalty program, store locator and managed databases through My SQL.
- Provided Technical excellence to the interns and stake-holders on designed application frameworks.
- Designed and maintained several sections of web pages for client Plumb master using Web Technologies: HTML, CSS, java script, Bootstrap as frontend and Core Java, Spring and SQL in backend.
- Contributed in projects through gathering requirements and debugging using standard protocols and frameworks including SDLC, Object Oriented Design & Agile Development Methodologies.
- Performed TDD (Test Driven Development) for the e-commerce platform using Junit and Mockito.

### **Engineering Intern, Open Text, India**

**Aug 2015 - March 2016**

- Utilized Java, Eclipse/ J2EE, tested programing code & Applications, collaborated with team and management.
- Collaborated with cross-functional teams to assist in writing and executing test cases using selenium framework.
- Wrote and executed test cases using selenium framework and monitor the daily reports and perform manual testing.

**COMPETENCIES:**

*Programming/Scripting Languages:* Java 8/J2EE, Python, JavaScript, UML, Object Oriented Programming.

*Frameworks:* Spring MVC, Spring Boot, Junit, Mockito, Log 4J.

*Messaging Platform:* RabbitMQ

*App Server and Monitoring tool:* Apache Tomcat, Splunk.

*Relational Databases/ Version Control System:* Mogo DB, MYSQL, PostgreSQL, SQL Server, Git.

*IDE/Automation Tools:* Eclipse, Spyder, Jupiter, Sublime, PyCharm, Maven.

*Web Technologies:* HTML5, jQuery, JSON, JSP, ReactJS, Redux, Microservices, CSS, Bootstrap.

**EXTRACURRICULAR ACTIVITIES:**

- Member of Information Systems Student Association (ISSA).
- Note Taker at Disability Access Center.