**Gurmandeep Kaur**  
**Mobile:** +1-(647)6207667 | **E-Mail:** [gurmandeep94@gmail.com](mailto:gurmandeep94@gmail.com)

**Linked In**: [linkedin.com/in/gurmandeep-kaur-65862b90](https://www.linkedin.com/public-profile/settings?trk=d_flagship3_profile_self_view_public_profile)

18 Sutherland Ave ,Brampton, ON L6V2H4

**PROFILE SNAPSHOT**

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Versatile and skilled full stack Java developer having approx 5 years of experience in designing , developing and enhancing enterprise level web applications in the challenging and innovating environment using different technologies.

**PROFESSIONAL SUMMARY**

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* Agile and Open-minded problem solver. Always open and eager to learn new technologies and be productive.
* Worked on improvising different modules of projects by analyzing and designing using different Design patterns .
* Hands on Experience in Ingesting and aggregating real time data using apache Kafka (publisher-subscriber messaging system).
* Created Java utility to manipulate content and settings of word documents which includes its encryption and decryption using apache poi CryptoFunctions .
* Created Java Tool to read Excel files which is imported by User ,encrypted and decrypted it using using javax cryptography Ciphers & stored those into SQL Database .
* Experience working with distributed systems using different technologies e.g.- microservices , AWS , Kubernetes .
* Designed, developed as well as Integrated with various RESTful APIs using Spring framework.
* Developed back end using object oriented programming principles, Java/J2EE, Spring Boot, Spring Security.
* Hands On Experience in database queries .Also, created and maintained various procedures using SQL server. Worked with both relational(SQL) and non-relational databases(MongoDb)
* Delivered different POCs successfully for different clients which later led to work on larger technical Projects.
* Working knowledge of DevOps tools which include Git for distributed Source Code Management, Jenkins for CI/CD, Docker for containerization, Kubernetes for automating the distribution.
* Worked under Agile Environment with daily Stand-ups and monthly Sprints and Prototyping as well.
* Resolved Internal and production defects by analyzing , handling queries, updating code.
* Highly motivated team player demonstrating strong communication skills to clearly convey ideas and coordinate with team.
* Provided training to juniors regarding frameworks as well as to client regarding the features in project .

**TECHNICAL SUMMARY**

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| --- | --- |
| **Back-End Skills** | Java 8 , Spring Boot (MVC),JPA, Hibernate, REST API, SQL ,Kafka , web-services ,Spring Security , Data Structures, Design patterns |
| **Front-End Skills** | Angular ,JavaScript , HTML |
| **Methods** | Agile ,Prototyping , SDLC |
| **Other Tools** | Eclipse, Visual Studio, Tomcat , Maven , MicroServices, Jenkins, Git, Docker, Kubernetes |

**PROJECTS SUMMARY**

1. **Project Name: Monitoring Product** (Jun 2019 - Nov 2019)

**Company: Orange Business Services (Software Engineer)**

**Project Description:** Web solution for Orange to Diagnose and monitor connections, create events and alarms, check Status, maintain History and create Reports for different telecommunication operators like Siemens, etc.

* *Implemented Rest APIs using Spring Boot to collect data from SQL Database and MongoDb using JPA.*
* *Worked on refactoring code and upgraded it to use Java-8 features.*
* Implemented Apache Kafka Consumer using spring boot.
* *Implemented front end validations in Angular.*

1. **Project Name: Provider Contracting management System** (Jan 2018 – Jun 2019)

**Company: Newgen Software Technologies Limited (Senior Software Engineer)**

**Project Description:** Web based solution for Health plans to manage Lifecycle of Provider Contracting process from initiation ,negotiation to finalization . Also, system is capable of creating Reports *.*All dec*isions and notes are maintained* for future enterprise audits as well.

* Participated in user requirement gathering, project planning, design and implementation study.
* Improved quality and reduced development cost by developing domain specific reusable component for business logic in healthcare domain.
* Developed Java Utility to replace content of word documents with custom data entered by user in the Form, make document read only , track revisions done earlier by the user , to encrypt/decrypt it as required by user .
* Used Multi Threading (Executor Service) to handle multiple requests from client sockets.
* Played leading role in integration with 3rd party applications and services.
* Created XMLParser using string manipulations and worked with Input and output streams and Socket Programming .
* *Resolved Internal and Production Defects.*

1. **Project Name**: **Appeals Resolution System** ( Aug 2016 - Dec 2017)

**Company: Newgen Software Technologies Limited (Software Engineer)**

**Project Description:** Rules-driven web based system for health plans to effectively manage Complaints and create cases from web portal, fetch the member’s and provider’s eligibility details, If a case already exists, the system flags the duplicate entry .

* Developed Tool to read Excel files imported by User and write those into Database and If it failed due to some error in file , creates separate Excel file having failed rows in it ,highlighting user about the Error.(used apache poi APIs).
* Tested tool end to end.
* Integrated with Authorized Restful web services.
* Created ,upgraded and scheduled SQL Scripts & SQL procedures
* Rewrote most GUI to improve user experience using JavaScript and JSPs.
* *Created some JSPs for different search Dashboards & Reporting Purpose.*
* *Created documentation of modules for customer.*
* *Resolved Internal and UAT Defects.*

1. **Project Name**: **Medicare Enrollment** ( Jan 2016 – Jul 2016)

**Company: Newgen Software Technologies Limited (Intern | Software Engineer)**

**Project Description:** This application provides Interface to capture data and auto-populate data by Integrating with core claim system to fetch information. Also, Apply checks on incorrect data entry information via instant rule-based field validations to minimize enrollment rejection and keep track of operational deviations .

* Created ,upgraded and scheduled SQL Scripts & SQL procedures
* Developed Backend validations using Java.
* Implemented front end validations using JavaScript, JSPs.
* Helped debug and resolve critical issues reported daily with rapid turnaround.
* Unit testing of forms and validations.

**EDUCATION**

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**Punjabi University, Punjab, India** (Graduated in 2016)

Bachelors of Technology in *Computer Science* and Engineering

* Relevant coursework: Data Structures, Algorithm, Computer architecture, Software Engineering, Programming languages(Java, JavaScript),Object Oriented Programming