

# RITIKA CHOPRA

## Software Engineer

+919179719456 @ chopraritika2118@gmail.com www.linkedin.com/in/chopraritika Pune , Maharashtra

### SUMMARY

Complex problem-solver with analytical and driven mindset. Dedicated to achieving demanding development objectives according to tight schedules while producing impeccable code. Hardworking and passionate job seeker with strong organizational skills eager to secure Software Developer position. Detail-oriented, organized and meticulous employee. Works at fast pace to meet tight deadlines. Enthusiastic team player ready to contribute to company success.

### EXPERIENCE

#### Associate Software Engineer

**Securonix** 06/2023 - Present Pune , Maharashtra  
Security Information and Event Management (SIEM)

- Device Alerting & Incident Management  
Objective: Enhanced device monitoring and customer satisfaction by implementing a Kafka-based solution to detect and notify when a device stops loading events.  
Achievements:  
Proactive issue resolution, improving customer satisfaction.  
Streamlined internal incident management.  
Responsibilities:  
-Developed Java-based services for device monitoring using **Spring Boot** and **RESTful services**.  
-Led a team, ensuring best development practices and optimized implementations.  
-Integrated **Kafka** for real-time **data streaming** and **Microservices architecture**.  
-Executed **Java Unit tests** with **Mockito**.  
-Owned requirements, assignments, and defects, ensuring timely, quality solutions.  
-Troubleshoot issues using **UNIX commands** and **VI editor**.  
-Followed **Agile Methodologies** and collaborated with **CICD** teams to integrate and automate software deployment pipelines.

#### Software Development Intern

**Securonix** 03/2022 - 06/2023 Bengaluru , Karnataka  
Company Description

- SIEM and Cyber-security Development: Proficient in **JAVA** and **Spring** framework-based application development, contributing to **SNYPR** product architecture.  
Big Data Integration: Integrated **Hadoop** for **data ingestion**, mapping, and processing in large-scale applications.  
Kafka Real-time Data Streaming: Utilized **Kafka** for efficient real-time data streaming and **event processing**.  
Strong knowledge of **Linux** and Unix system administration, ensuring system reliability and security.  
Containerized Microservices: Deployed applications using **Docker** and **Kubernetes** for streamlined **microservices architecture**.  
Version Control: Proficient in **GIT/Bit-Bucket** for effective code version control, including branch management.  
JVM Memory Optimization: Reduced JVM memory usage by 91% through **garbage collection techniques**.  
Cloud Exposure: Familiarity with **AWS services** like **EC2**, **S3**, and **Timestream** for cloud-based development and data management.  
Agile Project Management: Expertise in **Agile** and **Scrum** methodologies, aligning with **SDLC** for efficient project execution.

#### Data Science Intern

**QDegrees** 09/2021 - 12/2021 Jaipur , Rajasthan  
Quality Assurance and Consulting Services

- Automatic Social Media Messaging Tool (Lead Generation)
- Lexical Approach for Text Analytics (Industrial Credit and Investment Corporation of India) ; Attendance Tool Using OpenCV.
- Data Analysis and Troubleshooting
- Sentiment Analysis** for Product Rating (Python, Web Development)
- LinkedIn Automated Connecting and Messaging Tool (Python, Web Scraping - Selenium)
- Data Mining and Visualization** : Developed **data mining** structures and models, collaborated on data standards and aligned projects with **business goals**.
- Created insightful **Power BI data visualizations** for simplified comprehension.

### EDUCATION

#### Bachelors of Engineering

(Computer Science -AI&ML)  
**Chandigarh University.** 8.04/10 CGPA  
08/2019 - 06/2023

#### Intermediate. (PCM)

**Carmel Convent School** 91.8%  
03/2018 - 03/2019

### COURSES & CERTIFICATES

#### Machine learning by Andrew Ng (Coursera)

#### Neural Networks and Deep learning(Coursera)

### SKILLS

Java 8 ; Spring Boot ; Python .

Domain Driven Design - Microservices . Swagger2 .

Mockito 1.10.\* . Junit 4.12 . Data Structures . GIT .

Maven . Database: MySQL ; Mongoddb ; Oracle .

AJAX Framework . Linux . JIRA