

MANPREET SINGH

5087 Watling St, Burnaby, BC, V5J1W8
+1-250-516-0471
garchasmanpreet@gmail.com
<https://www.linkedin.com/in/msgarcha>
www.manpreetgarcha.com

SUMMARY OF EXPERTISE

- 1 Year of Co-op experience at SAP as SLT/HANA Product support Engineer.
- 2+ years of full time experience in US IT firm named Cognizant as Java and ESB Developer.
- Broad understanding of Machine Learning, AI and hands on with latest developments in IoT.
- Experience in Penetration Testing, Intrusion Detection, Digital forensics and Risk Management.
- Sound Knowledge and Experience in Google API Management Platform named Apigee.
- Well acquainted with knowledge related to IT Infrastructure and SOA architecture.
- Good organizational, analytical, problem-solving skills and a great team player.

ACADEMIC & PROFESSIONAL DEVELOPMENT

Master of Engineering (Sep 2017 - Apr 2019)

University of Victoria, Canada
Electrical and Computer Engineering

Bachelor of Technology (Aug 2011 - May 2015)

LPU, Punjab, India
Electronics and Communication Engineering

TECHNICAL SKILLS

Enterprise Tools	SAP SLT, Apigee Edge, SAG webMethods, Soap UI, Splunk, SNow
Penetration Testing Tools	Nessus, Zenmap, Wireshark, Hydra, Burp-suite, Metasploit
Programming	C++, Java, Python
Database	MySQL
Web Development	Wordpress, HTML5, CSS3
Network	TCP/IP, OSI Model, WLAN/LAN technologies
Operating System	Windows, Linux (Kali), Mac OS, iOS, Android
Interpersonal	Leadership, Teamwork, Time Management, Communication

WORK EXPERIENCE

Software Dev QA Engineer 1 (August 2019- Present)
Fortinet Technologies, Burnaby, BC Canada.

- Work as Software developer for various security interfaces.
- Work as QA engineer for testing the code in production and development.

Product Support Engineer (Sept 2018 – August 2019)
SAP, Vancouver, Canada
SAP Landscape Transformation Replication Server (SLT) Engineer

- Worked as a SLT product support engineer; handling Configurations, Troubleshooting and Incident Handling for top SAP clients.
- Handled (VH) priority issues for real business problems using live troubleshooting sessions for Max Attention Customers like Apple, Porsche, Coca-Cola.
- Worked on Enterprise Tools/Interfaces like HANA studio, SAP Analytics Cloud, SLT Cockpit and BCP IT .
- Managed project iWall (Interactive wall); a SAP internal project for Vancouver Labs which got recognized by COO as best project by interns Globally.

**Programmer Analyst
2017)**

(June 2015 – Jul

Cognizant Technology Solutions, Bangalore, India

Java/webMethods Developer

- Worked as Apigee Operations offshore lead; handling performance, changes and deployment for more than 40 production APIs.
- Developed and tested various ESB Integration Interfaces & services using SAG webMethods and IBM WebSphere.
- Worked on Enterprise Tools like webMethods Designer, Apigee Edge, Splunk and webMethods Deployer.
- Handling of Problems, Changes and deployments for ESB & Apigee Operations.

PROJECTS

**Non Linear Approach to Fraud detection using Machine Learning
2017)**

(Sep2017 - Dec

- Detection of 400 fraud transactions from skewed dataset of more than 400,000 non fraud transactions using Machine Learning Algorithms.
- Evaluated the performance of 5 different classifiers using 4 different sampling techniques including SMOTE, Oversampling, Undersampling and Stratified K fold.
- Achieved more than 90% Recall accuracy on the dataset with least overfitting.
- Compared and evaluated the performance of SVM, Log Regression, Random Forest and Decision tree classifiers on skewed dataset.

John Lewis Partnership Operational Services

(Nov 2015- Jul 2017)

- Full 24*7 Production Support to more than 500 ESB Interfaces, 46 Integration Servers which included code changes and deployment in Production environments.
- Supporting more than 40 APIs and its deployment in live Android & iOS applications of John Lewis.
- Resubmission and retriggering of live transactions at various checkpoints.
- Solving various Incidents and change tickets raised by operations team in Service Now and Jira.
- Creation of Documentation for John Lewis Online Architecture.

INTERESTS

Blogging, Snooker, Dancing, Cooking and Hiking

REFERENCES

David Hilton
Manager (Big Data- EIM- Canada)
SAP, Vancouver, Ca.
Work: +604-512-9818
Email: david.hilton@sap.com

Dr. Issa Traore
Professor
University of Victoria, BC
Work: 250-721-8697
Email: itraore@ece.uvic.ca