

# Shahveer Sethna, BSc (EE), MBA, CPA-CGA

Richmond Hill, ON | 647-282-7774 | [shahveersethna@outlook.com](mailto:shahveersethna@outlook.com)

[linkedin.com/in/shahveersethna](https://www.linkedin.com/in/shahveersethna) | Website <https://ssethna.ca> | GitHub <https://ssethna.github.io/>

---

## SENIOR SYSTEMS ANALYST

Extensive experience in business/financial analysis and software development. Bridging the gap between technology and business to drive innovative solutions. Highlights of key skills and core business competencies include:

- Application and Web development using Java and Rust. Please see portfolio at <https://ssethna.ca>
- Significant experience in leveraging advanced testing frameworks such as Cucumber and JUnit to enhance the quality and efficiency of integration/regression testing specifically in regards to Master Data Management (MDM) application support.
- Data Analytics and Master Data Management - Significant experience in developing SOAP and Rest GUI Client specifically in regards to MDM. Proficient in utilizing Python for data matching and cleansing, incorporating advanced techniques such as fuzzy search and similarity algorithms to enhance the accuracy of MDM operations.
- Experienced in managing and supporting ERP system projects. Key Finance stakeholder for the transition from PeopleSoft to SAP for Honda Canada in global Honda project.
- Supported complex data ticket resolution and managed nightly batch jobs in MDM.
- Conducted MDM Disaster Recovery drills to enhance Operational resiliency and overall Business Continuity of the organization.
- Provided customer service and liaised with cross-functional teams including on-shore/off-shore, ensuring effective coordination and communication between IT and business units.

## TECHNICAL SKILLS

<b>Programming:</b>	Java SE, Java FX, Java EE Servlets, C, Rust, Python, HTML, CSS, JavaScript, SQL, Bash Scripting
<b>Design Patterns:</b>	Gang of Four (GOF), Model-View-Controller (MVC)
<b>Web Services:</b>	REST, SOAP
<b>Testing:</b>	JUnit5, TestNG, Cucumber, Selenium, JMeter, Check, SoapUI, Postman
<b>Build Tools:</b>	Cargo, Make, Maven, Ant
<b>Version Control:</b>	Git
<b>Collaboration:</b>	Jira, Confluence
<b>Database Servers:</b>	IBM DB2, MariaDB, MSSql Server, MongoDB
<b>Analytics/Data/BI:</b>	Python Pandas & Numpy, IBM InfoSphere Master Data Management (MDM), Essbase
<b>Web/App Servers:</b>	Apache Tomcat, IBM WebSphere, Rust Actix-web and Actix web sockets
<b>ERP/Other:</b>	SAP, PeopleSoft, Ariba, Salesforce
<b>Security:</b>	BurpSuite, Splunk, Snort, Wireshark, Various tools on Kali like metasploit, nmap, nikto etc.
<b>Documentation:</b>	Doxygen, Graphviz, $\LaTeX$
<b>IDEs:</b>	IBM RAD, Eclipse, VS Code, KDevelop, IntelliJ IDEA, NetBeans
<b>Operating Systems:</b>	Kali Linux, Debian, Windows
<b>Desktop Applications:</b>	MS Office, MS Access DB, Visual Basic for Applications, Squirrel SQL, DBeaver

## PROFESSIONAL EXPERIENCE

---

**SENIOR SYSTEMS ANALYST - Honda Canada Inc. - Information Technology**

**Feb 2016 - May 2024**

### Testing & Test Automation

- MDM unit, integration, performance and functional testing.
- Automated MDM integration testing using Cucumber framework (Behaviour Driven Testing - BDT), JUnit and Apache POI (Data Driven Testing - DDT). The tests connect to MDM using SOAP Envelopes.
  - Managed to decrease the time of deployment for changes to production by 75% through automated testing.

### Development

- Designed, developed, and coded light weight user interface using Java FX, HTML, Java script, CSS, Apache POI, JDBC to create a Client Application for data cleansing support activities.
  - This application reduced time for processing split transactions by 75% versus processing splits manually.

- This application reduced time for processing transactions by 30% versus running transactions in SoapUI.
- Developed SOAP service in middle-ware application for MDM integration to Salesforce Service Cloud for Contact Method updates.
- Customising MDM with basic Behaviour Extension. Specifically for Contact Method updates.

### Systems Support

- Customer data matching using Python Pandas, fuzzy search, Soundex, Cosine similarity to compare name, address & contact methods, substantially reducing manual matching activity required for MDM AI model for collapsing activity.
- Developed queries for data cleansing support for MDM.
- Provided On-call support for nightly batch jobs loading daily transactions into MDM.
- Processing transactions in MDM to support data ticket resolution.
- Participate in MDM Disaster Recovery drills.
- Install and maintain local installation of IBM DB2, MQM, MDM and WebSphere application server synced with Git for debugging problems identified for MDM customisation.

## FINANCE SYSTEMS COORDINATOR - Honda Canada Inc. - Finance

Feb 1998 - Jan 2016

### Finance Systems

- Key stakeholder in the Global System Project (North America and Japan) converting Honda Canada's Accounts Payable, Fixed Assets and Investment modules from PeopleSoft to SAP.
- Managed IT projects from the business side (Finance) pertaining to the development and maintenance of Enterprise Resource Planning (ERP) and legacy financial systems.
- Developed test scripts and conducted functional, UAT and integration testing during upgrades and platform changes for ERP and legacy financial systems.
- Documented finance operations processes using MS Visio, Word and Excel. Specifically identify controls (or lack of controls) in place for conformance with IFRS/SOX Standards. Created cross functional flow-charts identifying controls which were cross-referenced to narrative and control matrix.

### Treasury

- Responsible for daily cash management activity.
- Managed US\$ foreign exchange risk through forecasting US\$ cash flows in conjunction with forward contracts.
- Prepared weekly, monthly and annual cash flow forecasting and conducted monthly status meeting with Management.
- Developed Treasury module using MS Access (with VBA) for automation of Journal entries.

### Reporting and Budgeting

- Prepared various month end journal entries in PeopleSoft.
- Created and prepared monthly financial reporting package.
- Conducted Gross Profit Variance Analysis for monthly reporting.
- Developed SQL queries in PeopleSoft for ad hoc analyses.
- Customized Hyperion Essbase reports using Visual Basic for Applications (VBA) and Essbase VBA.
- Designed, developed, coded and documented Step Chart application using Java SE and Java 2D graphics for creating waterfall charts.

## EDUCATION & PROFESSIONAL DEVELOPMENT

---

**Applied Data Science with Python - Level 2**, IBM SkillsBuild

**Certified in Cybersecurity (CC)**, The International Information System Security Certification Consortium (ISC2)

**Chartered Professional Accountant (CPA-CGA)**, Chartered Professional Accountants of Ontario

**Canadian Securities Course (CSC)**, Canadian Securities Institute

**Masters of Business Administration (MBA)**, Institute of Business Administration, University of Karachi, Pakistan

**B.Sc. in Electrical Engineering (BSc. - EE)**, University of Houston, Houston, USA

TryHackMe - <https://tryhackme.com/r/p/ss3thn4>

HackerRank - <https://www.hackerrank.com/profile/shahveersethna>

Codewars - <https://www.codewars.com/users/ssethna>