

**Shahabedin Yousefi**

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## **EDUCATION**

Shahid Beheshti University :

*Masters of Science in Information Technology Management*

Tehran Azad University :

*Bachelor of Science in Computer Hardware Engineering*

## **CAREER PROFILE**

Extensive experience in software engineering, with a focus in design and developed e-banking and e-payment back-end application and core transaction processing system. In over 10 years utilizing various technologies to build scale complex systems long-term maintainability, performance, and reliability. Having strong background in computer science, problem solving and mathematics.

## **TECHNICAL HIGHLIGHTS**

- Hands on: Core Java and JEE, Java 8, Spring, Restful API, Servlet, Hibernate, RabbitMQ, JUnit, TestNG, Mockito
- Databases : Oracle and Cassandra, berkeley db, ehcache
- Having experience and familiar with: JSON, XML, JMS, JSP, EJB, JPA, JDBC, Socket Programming, multi-threading and concurrency, SQL, PLSQL, XML, Java Script, HTML, CSS , C#
- C and C++, WinApi and posix
- IntelliJ idea, Eclipse STS, Visual Studio, Git, Maven, Visual Paradigm, Jenkins, Postman, Splunk, TeamCity, Hubbel, Allure
- Card Payment, Mobile Payment, Internet Payment, Contactless Payment, Issuing & Acquiring, Key Management, Prepaid, transaction processing, payment solutions, payment processing
- EMV, PCI-DSS, NFC, USSD, Top-up, HSM, cryptography
- Credit & Debit card, Smart Cards, e-purse and wallets
- ISO 8583, APACS
- Loyalty, Fraud, e-Voucher, Merchant Management

## **EXPERIENCES**

### **Apple Present**

**2017 -**

Senior Software Engineer

Work at Apple as backend software engineer contractor via TCS, Utilising java8 , Spring, Restful API, Servlet, JDBC, RabbitMQ, JUnit, TestNG, Mockito, JSON, XML, Oracle and Cassandra.

### **Fanava Card 2017**

**Jun 2014 - April**

Senior Software Engineer Team Lead

- Design and develop Mobile Payment Gateway base on Restful API, Spring, Hibernate, multi-threading and concurrency. This system exposes payment functionality like purchase, refund, reversal and bill payment for mobile applications (IOS, Android and Win-phone).
- Develop Iso8583 enhancement on the Acquiring EMV Payment Switch and POS Channel Manager utilised Core Java, Multi-Threading, Cassandra, Oracle, Ehcash, Hibernate

### **PNA 2011 - Jun 2014**

**Sep**

Senior Software Engineer

- Real time Settlement System (Core Java, Hibernate, SOAP, Spring)
- Using JPos to able the current payment POS Iso8583 Channel accept discount map base in merchant attributes.

### **Sepehrnet 2011**

**Sep 2009 - Sep**

Senior Software Developer

- Designed and Developed a software to migrate data from a legacy core banking system (Account Base System) to a new core banking system (Client Base System)
- Develop ISO8583 financial gateway to transfer transaction between Card Management System and Core Banking Middleware using JPOS.

**Software Developer**

- Designed and developed Ingenico NCC (Network Communication Control) & NMS (Network Management System) (C++, POSIX, Multi-Threading, Socket Programming)
- Designed and Developed EMV base payment software for Ingenico and Sagem EFT-POS terminals (C and C++)
- Designed and developed an APACS70 standard protocol on Ingenico EFTPOS to communicate to JWARE payment switch (C and C++)
- Developed Black-List of the POS-side components of Smart Cards responsible for receiving the list of block credit cards on Ingenico POS terminals; also designed a special compound-merging and updating algorithm to execute this process (Java and C)
- Designed and Developed POS2PC as an interface between POS and bank applications (C POS side and C#.net Windows-side)

**CERTIFICATIONS**

- EMV Fundamental, Technical & Executive, Cardtek
- Payment Tokenization & Fraud Detection, Cardtek
- PCI DSS & PA DSS, Cardtek
- PCI DSS & PA DSS, NTT Security Limited EMV & UTA, Ingenico Group
- IngeDev, Unicapt 32 & Telium, Ingenico Group

**Publications**

*Intention to Purchase Behavior on Social E-commerce Websites Across Cultures*, by Dr. Ali Rezaeian, Dr. Sajjad Shokouhyar, Shahabedin Yousefi; published by International Journal of Computers & Technology: Vol 15, No 9 (2016)