

## PROFILE

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A software development engineer in testing with more than nine years of experience. Highly skilled in meeting cutting-edge standards for the development of complex automated test frameworks, as well as implementing the full continuous integration testing approach from scratch, to ensure the best product quality. Equipped with excellent analytical skills with the ability to interact with clients to ensure the specific client's critical requirements are achieved.

## SKILLS & EXPERIENCE

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<b>Software Development</b>	<ul style="list-style-type: none"><li>○ Selenium/Appium Web app testing: Java/TestNG; Robot Framework/Python (POM Pattern)</li><li>○ App testing: XCUITest/Swift, Espresso/Kotlin (POM Pattern)</li><li>○ Web based application using Html/css/ Php /AJAX/javaScript/jQuery.</li><li>○ Web based UI: Html/css/JSP/Servlet/AJAX.</li></ul>
<b>Database</b>	<ul style="list-style-type: none"><li>○ Designed database schema with around sixty thousand records rows.</li><li>○ Designed Logical Data model. SQL query tuning.</li><li>○ Databases worked on: MySQL (phpMyAdmin) and Oracle DB (oracle SQL Developer).</li></ul>
<b>Programming Languages</b>	<ul style="list-style-type: none"><li>○ Java, Python, Php, SQL, HTML, Java Script, XML, VBScript,</li></ul>
<b>Tools</b>	<ul style="list-style-type: none"><li>○ Test automation development: Robot Framework/Ride, Java development using Eclipse/InteliJ, Xcode, Jenkins, Issue and project tracking: Jira, Optimizely, Applitools, Php development: Php Storm, Networking: Wireshark, PRTG, Packet Tracer, GNS3,</li></ul>
<b>Application Servers</b>	<ul style="list-style-type: none"><li>○ Apache, JBoss</li></ul>
<b>Operating Systems</b>	<ul style="list-style-type: none"><li>○ Microsoft Windows</li><li>○ MacOS</li><li>○ Linux (RedHat, CentOS, Debian) Basic Server administration</li></ul>
<b>Networking</b>	<ul style="list-style-type: none"><li>○ Configuring and maintaining high classes of CISCO routers/switches/firewalls.</li><li>○ Developing, maintaining and troubleshooting IP/MPLS networks.</li><li>○ Implementing, maintaining and troubleshooting IMS platform as global multiservice system</li></ul>
<b>Methodology</b>	<ul style="list-style-type: none"><li>○ Agile/SCRUM, Scrum with Lean Principles, Test driven development, Waterfall</li></ul>

## AWARDS, ACHIEVEMENTS & CERTIFICATES

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- ❖ *Rookie Employee of the Year 2011, Makedonski Telekom AD Skopje, T-Home, Macedonia.*
- ❖ *Cisco CCNA, Cisco Academy at Faculty of Electronic and Information Technology, University of Technology, Warsaw, Poland*
- ❖ *EC FP7 ProSense, SenZations '09, FP7 ProSense Project*
- ❖ *Research published at "Application and Multidisciplinary of Wireless Sensor Networks", chapter "Vehicular Sensor Networks: General Aspect and implementation issues", Springer ISBN 978-1-84996-509-5.*

## WORK EXPERIENCE SUMMARY

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FEBRUARY 2009 – SEPTEMBER 2009 – FACULTY OF ELECTRIC ENGINEERING AND INFORMATION TECHNOLOGIES, FP7 PROSENSE PROJECT, SKOPJE, MACEDONIA  
DECEMBER 2010 – JULY 2012 – MAKEDONSKI TELEKOM A.D. SKOPJE, T-HOME MACEDONIA, SKOPJE, MACEDONIA  
AUGUST 2012 – SEPTEMBER 2015 – ITS ISKRATEL, ISKRATEL GROUP, SKOPJE, MACEDONIA  
OCTOBER 2015 – MAY 2019 – INTERNET BRANDS (via Personal Programmer), SKOPJE, MACEDONIA  
JUNE 2019 – AUGUST 2020 – SIXT SE, PULLACH, MUNICH, GERMANY

### PROJECT DETAILS

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**EMPLOYER: SIXT SE, PULLACH, MUNICH, GERMANY (FROM JUNE 2019 – AUGUST 2020)**

**PROJECT –** Developing a Rent a Car web application **(From June 2019 – To August 2020)**

**Technologies:** Java, TestNG, Extent Report **Applications:** Jira, Jenkins

- Creation and implementation of test plan and specification, Test documentation.
- Developing real-case automated scenarios testing Web Applications using Java, Selenium
- Work planning, estimating efforts, prioritizing tasks following Agile\Scrum methodology.
- Test reporting and documenting

**EMPLOYER: INTERNET BRANDS (via Personal Programmer), SKOPJE, MACEDONIA (FROM OCTOBER 2015 – MAY 2019)**

**PROJECT –** Developing a Web cars buying platform **(From October 2015 – To May 2019)**

**Technologies:** Robot Framework, Python, Oracle SQL; **Applications:** Jira, TestRail, SqlDeveloper

- Creation and implementation of test plan and specification, TestRail documentation.
- Developing real-case automated scenarios testing Web Applications using Robot Framework, Jenkins
- Work planning, estimating efforts, prioritizing tasks following Agile\Scrum(Lean Principles) methodology.
- Development of testing automation using Selenium WebDriver.
- Test reporting and documenting

**EMPLOYER: ITS ISKRATEL, SKOPJE, MACEDONIA (FROM AUGUST 2012 – TO SEPTEMBER 2015)**

**PROJECT –** Iskratel SI3000 Dispatcher Terminals **(From August 2014 – To September 2015)**

**Technologies:** AngularJs, Java, Websocket; **Application Server:** JBoss AS7.

- Creation and implementation of test plan and specification.
- Creation and execution of test cases
- Test reporting.

**PROJECT – (name internationally omitted) (From January 2013 – To August 2014)**

**Technologies:** Java Tapestry, WebServices; **Application Server:** JBoss AS7.

- Creation and implementation of test plan and specification.
- Creation and execution of test cases
- Development of testing automation using Selenium WebDriver.
- Test reporting.

**PROJECT – Iskratel FTTx Access Solution (From August 2012 – To January 2013)**

**Technologies:** Iskratel SI3000 Call Server, Signaling and Media Gateway, Innbox products, fiber optics, DSL, PPPoE

- Wrote test scenarios and test cases for terminal equipment functions: Management, Internet, Voice, TV.
- Performed manual system test of the function above.
- Problem reporting and data analysis.

**EMPLOYER: MAKEDONSKI TELEKOM, T-HOME MACEDONIA, SKOPJE, MACEDONIA (FROM DECEMBER 2010 – TO JULY 2012)**

**PROJECT – IMS Migration (From September 2011 – To July 2012)**

**Technologies:** CISCO Routers, CISCO Switches, DSLAM, **Protocols:** IP, SIP, ATM, OSPF, MPLS, DHCP, DNS, Spanning Tree.

- Troubleshooting faults due implementation.
- Maintaining network.
- Problem reporting and data analysis.

## TECHNOLOGY PROFILE

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### **PROJECT – Home Device Management (From June 2011 – To September 2011)**

**Technologies:** CISCO Routers, CISCO Switches, DSLAM, HDM **Protocols:** IP, SIP, ATM, OSPF, MPLS, DHCP, DNS, Spanning Tree.

- Troubleshooting faults due implementation.
- Clearance and Maintaining network for CPE(HGW) devices.
- Problem reporting and data analysis.

### **PROJECT – Pre-IMS environment implementation (From March 2011 – To September 2011)**

**Technologies:** CISCO Routers, CISCO Switches, DSLAM, OSIX **Protocols:** IP, SIP, ATM, OSPF, MPLS, DHCP, DNS, Spanning Tree.

- Configuring network for IMS Platform implementation.
- Troubleshooting faults due implementation.
- Problem reporting and data analysis.

**EMPLOYER: FACULTY OF ELECTRICAL ENGINEERING AND INFORMATION TECHNOLOGIES, UNIVERSITY OF SS. CYRIL AND METHODIUS, FP7 ProSENSE PROJECT, SKOPJE, MACEDONIA (FROM FEBRUARY 2009 – TO SEPTEMBER 2009)**

### **PROJECT – Wireless Sensor Network Securing Railway Transport (From February 2009 – To September 2009)**

**Technologies:** SunSpot Sensor kit (nodes + base), Java ME, MS SQL, ZigBee (IEEE 802.15.4), Bluetooth, WLAN, ad-hoc, multi-hop networks.

- Developing Java ME application for wireless ad-hoc multi-hop communication.
- Writing paper for science conference.

## EDUCATION

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*Telecommunication Engineer, Bachelor Degree, Faculty of Electrical Engineering and Informational Technologies, University of Ss. Cyril and Methodius, Skopje, Macedonia*

## COURSES, TRAININGS AND SEMINARS

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*TELES AGW VoIPBox BRI/PRI training – Skopje, Macedonia, June 2012*

*Home Device Management training – Skopje, Macedonia, February 2012*

*CISCO CCNA courses – Skopje, Macedonia, October 2009 – December 2010*

*EC FP7 ProSense, FP7 SenSei project, SenZations – Skopje, Macedonia, February 2009*

*WSN based railway secure transport – Telfor conference – Belgrade, Serbia, November 2009*