Jan Chaloupecky

Born 04-13-1982 in Prague, Czech Republic
Single, French Nationality

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Profile
Senior software engineer is looking for a position in the iOS development branch.

iOS personal projects
2014: "DAYLIGHT CLOCK" FOR IPHONE
- iPhone utility that shows how much daylight we win or lose each day of the year.
- App developed in one afternoon for fun.

2012 - PRESENT: "PLAYER STATS" FOR IPHONE
Concept, design and development of an iPhone app. PStats are two utilities to track online statistics of Battlefield 3 and Crysis 3 players. Available on the AppStore. 90 000+ users, 4.5 stats reviews, JSON API, Obj. C.

2012 - PRESENT: "ICOCKPIT" FOR IPAD
Concept, design and development of an iPad app. "iCockpit" is a utility for aircraft simulator games that access the plane parameters via network API and displays the gauges accordingly on the iPad. Currently in beta testing stage. Obj. C, UDP, JSON, Java reverse engineering.

2011: "TWINKLED" FOR ANDROID
Development of an Android game where the user has to recreate constellations with stars falling from the sky. Worked with friends. Game available on Google Play.

Work Experience
2013 - PRESENT: IOS SOFTWARE ENGINEER, NEOFONIE MOBILE GMBH, BERLIN, GERMANY
- Concept. effort estimation and development of multiple iPhone and iPad projects
- Working with international team.

2007 - 2013: JAVA AND IOS SOFTWARE ENGINEER, ZERTIFICON SOLUTIONS GMBH, BERLIN, GERMANY,
- Developed an iOS e-mail client with S/MIME and PDF encryption support.
- Worked as Java and C security software engineer on the e-mail encryption gateway product.
- Participating to the software design, development and testing phases.
- Prototyped new products for JavaCard. Worked with German team.

APRIL - SEPTEMBER 2007: JAVA ECLIPSE SOFTWARE ENGINEER, PRISMTECH GMBH, BERLIN, GERMANY
Worked on security modeling in embedded real-time systems (DDS), defined security policies, developed modeling tool for Eclipse, worked with international team.

SEPTEMBER - FEBRUARY 2006: TUTOR IN LANGUAGE CENTER, ARTS UNIVERSITY, LIMOGES, FRANCE
Helped students to work with language learning software, checked in and out students. Side job.

FEBRUARY – AUGUST 2004: J2EE SOFTWARE ENGINEER, MINISTRY OF HEALTH
Developed web based portal to improve French government sanitary alerts, wrote functionality specifications and activity reports, worked with French team.

APRIL – JUNE 2003: WEB/JSP/J2EE SOFTWARE ENGINEER, MINISTRY OF HEALTH, PARIS, INTERNSHIP
Developed online software to check results of medical contests, worked with French team.

JUNE 2002, SUMMER JOB: TOURIST GUIDE IN FRANCE,
"Adventura, a Czech travel agency specialised in active and adventure tourism". Worked as a French-Czech interpreter, organised daily bike trips through France, translated during site visits.

Education

2005 - 2007: MSc "Information Security and Internet Cryptography", University of Limoges, France
2002 - 2005: BSc in IT, University of Limoges, France

IT Knowledge

SECURITY

OpenSSL API, BouncyCastle, PKI, S/MIME, PGP, PKCS#11, HSM, JavaCard, Reverse Engineering

IOS

CoreData, Foundation Kit, Security Framework, CFNetwork, MapKit, AFNetworking, CocoaAsyncSocket, GHUnit, OCMock, iOS App Pentesting.

E-MAIL

SMTP, IMAP and POP3 Protocols, JavaMail, MailCore

PROGRAMMING LANGUAGES

Java, Objective-C, C, Bash, JSP, JavaScript. Familiar with design patterns and agile development

PROTOCOLS, FRAMEWORKS

REST, SOAP, TCP/IP, jQuery, Bootstrap, JUnit

DEVELOPMENT TOOLS

AppCode, XCode, Instruments, IntelliJ Idea, Eclipse, CVS, Git, Subversion, Bugzilla, TinyPM, Jenkins, Xcode Bots, Photoshop (average knowledge), TestFlight, Crashlytics, Jira

OPERATING SYSTEMS

OSX, iOS, Linux (Debian, Mint), MS Windows, Solaris 10

Languages

fluent **ENGLISH** (Score TOEIC: 920/990), bilingual **CZECH**, bilingual **FRENCH**, Level C1 **GERMAN** (good working proficiency)

Activities and Interests

Sailing, cycling, music (50's, 60's), aviation, App Penetration Testing, UI Design

Referrals

Available upon request.