

ANTONÍN KOZÁK

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PROFILE

BSc Computer Science (1st) graduate with experience in Java Development. Possesses valuable technical knowledge and in-depth experience in a constantly evolving environment, due to technological advances; create, maintain, audit and improve systems to meet particular needs. Adept at seeing the bigger picture and who understands, accepts responsibility, and delivers. Analytical and methodical, stays current on the latest thinking and techniques, continually looking for improvement. Very comfortable with a high degree of accountability decision making responsibility. Competent to set the precedent in business and well versed in influencing others through leading by example and being an advocate for best practice.

EXPERTISE

Technical Skills: Full understanding of Windows 7/8/8.1/10; Advanced user of Microsoft Office applications (Word, Excel, PowerPoint) – 3rd in the competition Office Arena organized by Microsoft; Advanced level in **Java, HTML/CSS, JavaScript, PHP, MySQL**; Good background in Racket (similar to Lisp), Erlang, C#; Experienced in using Adobe Photoshop, Gimp, QGIS, Inkscape.

Software Development: Writing diagnostic programs and designing, writing code for operating systems and software to ensure efficiency. Utilise knowledge and skills to make recommendations for future developments.

Project Management: Understand all project management methodologies and approaches, check feasibility and working out budgets, teams and resources; set goals, defining roles and producing schedules of tasks.

Stakeholder Management: Expertise in utilising a variety of investigative techniques to elicit information from stakeholders and develop ways to manage their interests and expectations.

Customer Focus: Demonstrable customer service expertise with many career achievements in this field. Always strives to make the customer key and drives teams to integrate customer service into every aspect of work.

Communication Skills: First class customer services, cross culture liaisons, conflict negotiation and a dynamic, confident attitude working with people of all professional levels.

Languages Spoken: Czech (native), English (B1), Slovak (C1), Spanish (A1)

KEY SKILLS

- Software development and Integration
- System Lifecycle
- Develop Test Plans
- Execute Tests/Document results
- Analyse application requirements
- Troubleshooting
- Network design and implementation
- Performance and quality management
- Stakeholder and Third-party management
- Process improvement
- Development processes
- Logical and critical thinking skills

EMPLOYMENT HISTORY

- 2018 **Contract Android Mobile Application**
- Assigned to design and develop an Android mobile application in Java; the app was designed to run in the background and regularly downloads JSON file with details about clients
 - The app detects incoming calls and if the caller is in the database, a pop-up window with caller details is shown
 - The app has a setting page, where the user can adapt the app's behaviour

- Set expectations and features priorities throughout development life cycle; completing programming using languages and software products; designing and conducting tests
- Integrated applications by designing database architecture and server scripting
- Completed applications development by troubleshooting development and production problems
- Supports users by developing documentation and assistance tools.
- Used technologies: Android Studio, Java, GIT

2016 **Eight month Contract PHP developer – Middlesex University**

- Tasked upon commencement to enhance and extend the code of an existing university research project
- Successfully improved security and prevented SQL injection and XSS and other security issues.
- Analysed and adapted the code for PHP 7 whilst developing a new export feature
- Created a static web-page about the project
- Used technologies: HTML, CSS, Bootstrap, JavaScript, AJAX, PHP, MySQL (PDO), GIT

Summers 2015 – 2018 **Part-time working for the family business**

Voluntary Experience

- Fundraising for Czech Charita and Czech Bílá pastelka
- Web developing for friends

QUALIFICATIONS AND PROFESSIONAL TRAINING

2015 – 2018 **Middlesex University, London**
BSc Computer Science (1st)

Third Year

- Artificial Intelligence
 - Java
 - Familiarize with a wide range of AI techniques and algorithms
 - Projects: implement an algorithm for Salesman Traveller, implement an algorithm for reading digits from images (I chose multi-layer perceptron)
- Graphics and Visualization
 - Computer games using OpenGL (C++) and Unity (C#)
- Correctness in Computer Systems
 - Java
 - Finding possible problems and testing computer systems.

Second Year

- Distributed Systems and Networking
 - Programming in Erlang
 - Designing distributed and concurrent programs
- Web Applications and Databases
 - Designing and developing web-pages using HTML, CSS, JavaScript, PHP, MongoDB
 - Projects: Individual – JavaScript game, team – an e-commerce website
- Software Development Projects
 - Programming in Java
 - Designing programs, projects planning

First Year

- Boolean logic, computer architecture, programming in Racket, working with Arduino board

2007 – 2015 **Grammar School, Holice, The Czech Republic**
Gained Maturita (A-LEVELS)
General secondary education