



## Muhammad Kamran

Somewhere in Bremen, Germany

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### SUMMARY:

A software developer interested in building cool software: secure, fast, scalable, useful and not-a-pain-to-use.

### EDUCATION:

- MSc. Digital Media at the University of Bremen, Germany (October 2010 - ongoing)  
Focusing on tangible interface designs, building digital environments in 360 degrees of space.
- BSc. Computer Science at Karachi Institute of Economics & Technology (August 2009)  
Majors: Software Engineering, GPA 3.27 out of 4.0

### WORK EXPERIENCE:

- Software Engineer at Gigalocal - <http://www.gigalocal.de> (July 2011 - to date)  
Working on Gigalocal's backend infrastructure (PHP / Codeigniter) and developing Gigalocal's JSON API. Proposed and built an in-house documentation system that generates nice looking documentation for API users right from the code.\_
- Software Engineer at Folio3 - [www.folio3.com](http://www.folio3.com) (October 2009 - September 2010)  
I worked within the FashionPlaytes.com team at Folio3 and I was responsible for the development of FashionPlaytes.com's 'design' and 'collection' widgets using the Adobe Flash and Flex platforms.
  - Worked with an existing 'ActionScript 3' code base and added key additional features and updates that resulted in better application performance and usability.
  - Proposed changes to application design that increased developer productivity.
  - I was awarded the 'Hot Shot Employee of the Month' award in May 2009 out of 120+ employees for my overall performance as an engineer.
- Freelance Developer (2004 to 2009)  
I have worked a lot as a freelancer during the time I was acquiring 'formal education' in computer science. I mostly developed web applications using HTML, CSS, JavaScript, PHP and

MySQL.

I learned a lot during this phase by working on real projects from across the globe (mostly US), solving real world problems and learning to manage projects (communicating with the clients, estimations, etc).

### **SKILLS & EXPERTISE:**

- Knowledge of best practices of software design and development:
  - object oriented / component based development
  - developing with security in mind
  - thinking for the best algorithm(s) for the given problem
  - writing code that makes sense (useful comments, sensible member names, etc.)
- Experience developing with C, C#, Java, ActionScript, HTML, CSS, JavaScript, PHP, SQL
- Experience of working with others' code.
- Experience with software development support tools and IDEs (e.g. Visual Studio, Eclipse, Netbeans, Subversion, etc.)
- Ability to adapt to new environments, tools.
- Decent UI design and aesthetic sense along with the ability to use graphic design packages such as Adobe Flash and Photoshop.
- Decent presentation and communication skills

### **HONORS & ACHIEVEMENTS:**

- 'Hot Shot Employee of the Month' award for May 2009 at Folio3  
Details in the 'Experience' section above.
- 2nd Position in Software Competition 2008 at SZABIST for 'iEvaluate'  
I won the 2nd position for the software 'iEvaluate', which is a workforce performance management system, and I made it as my final year project.
- 1st Position in inter-departmental speed programming contest at PAF-KIET  
I won 1st prize in inter-departmental speed programming contest solving 3 problems in 2 hours. I was competing with 20+ students.

### **REFERENCES:**

Available upon request.