# Kareem Hashem

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| CONTACT INFORMATION | Germany, 81673 Munich, Berg-am-laim-str. 95     +481737725778 |

eng.kareem.hashem@gmail.com
http://eg.linkedin.com/in/kareemhashem

**EDUCATION**

**Alexandria University**, Alexandria, Egypt.

B.Sc., Computer and Systems Engineering, Spring 2011

- Graduation Project: **News Buddy**: News recommendation system.

**WORK EXPERIENCE**

**Software Quality Engineer**                                    August 2015 to Present
Wirecard
Analyse requirements with Business Analysts.
Plan, design and document test cases.
Participate in defect tracking and root cause analysis.
Maintain and enhance the test automation framework.
Create test plans, present test results and quality reports as well as participate in release recommendation process / decision

**Senior Software Engineer**                                    January 2015 to June 2015
Instabug
Design and implement backend web services that power the Instabug platform.
Write automated tests for all backend components.
Manage/maintain AWS backend architecture.
Optimize and scale performance to support millions of users.

**Senior Software Engineer**                                    March 2014 to January 2015
Lograado
Develop coaching system [ Backend and API ] with Ruby on Rails.
Develop automated testing plan and implement it.

**Teaching Assistant**                                          Sept 2011 to May 2015
Computer and Communication Engineering,
Alexandria University.
Tasks: Discussing exercises and assignments, preparing and delivering lab tutorials, and marking exams.

**Software Engineer**                                           July 2013 to March 2014
FiscalNote
Developed platform to make smarter and faster decisions about state legislation.
Develop automated testing plan and implement it.

**Software Engineer**                                           Aug 2011 to July 2013
eSpace
Built Ruby on Rails, and Python on Django websites.

**Part-time QC Engineer**                                       Dec 2010 to may 2011
eSpace
Create and execute test cases using both manual and automatic testing tools .

**SELECTED PROJECTS**

**Lograado**
Lograado helps student reach his college goals. Get insider tips, key reminders, and detailed guidance about his campus.
**Role:** Develop Backend and API, project architecture, and Writing automated test.

### FiscalNote

FiscalNote is an online government analytics platform. Its mission is to unlock government data and make it useful across industries

**Role:** Develop Backend, project architecture, and Writing automated test.

### Sharek

Sharek is a platform that allows end users to contribute in building any structured text content. It basically started to allow Egyptian people write their own consistution.
open source Github

**Role:** Develop Backend.

### Blood finder WP7 app

Social media based application, its goal is to help people find blood donors when needed in critical situations.

We win 1st place in the MEA Windows Phone 7 Challenge 2011.

### Other

- Resala: Charity and volunteering platform.
- offerna: e-commerce website.
- Parlmany: Government portal for parliament.
- Mozakerty: Educational platform.

**Role:** Develop Backend.

### Graduation project - News Buddy

News buddy is a real time news recommendation system that learns from data available on Web 2.0 services such as micro-blogging services, social networks, etc. The primary goal of the system is recommending the most up-to-date and relevant news stories to users based on their interests using a dynamic micro-blogging service; such as Twitter.

**Role:** Develop Frontend, Arabic stemmer, and the matcher.

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TEACHING
EXPERIENCE

| **Introduction to Algorithms** | **Networks and Security** |
| Spring 2013, Spring 2014, and Spring 2015 | Fall 2013 |
| **Fundamental of Database** | |
| Fall 2011 | |

TECHNICAL
SKILLS

**Programming Language**

Excellent: Java, Python and Ruby

Good: C/C++

**Web Development**

Excellent: Ruby on Rails,Python on Django, PHP, HTML, CSS, JavaScript, XML, AJAX, JSON.

Good: JSP, Joomla, Selenium

**DBMS**

SQL Databases: Mysql, Oracle, PostgreSQL, SQLite.

**Programming Concepts:** Object Oriented Programming, Design Pattern, Agile Development (Excellent Knowledge)

PERSONAL
INFORMATION

Languages: Arabic (Mother tongue), English (Fluent), German (Basic)