

# KAILASH JOSHI

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## SOFTWARE ENGINEERING QUALIFICATION

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- Full-Stack Software Engineer with 3.5 years of experience working on the time-critical projects
- Proven ability to manage different stages of the Software Development Life Cycle
- Excellent troubleshooting skills, ability to analyse code and engineer cost-effective solutions
- Certified professional (SCJP, CCNA, MCTS) with in-depth knowledge of Object Oriented Programming

## COMPUTER SCIENCE AND ENGINEERING EDUCATION

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**University of Rochester**, Rochester, NY

Master of Science in Computer Science, GPA: 3.5/4

Aug 2015 - Dec 2016

- Relevant Coursework: Programming Language Design, Dynamic Language and Software Development, Principles of Web Applications, Data Science, Database Systems, Computer Security, Computer Networks
- Teaching Assistant: Courses - Science of Data Structures, Introduction to Programming, Web Development

**Gujarat University**, Ahmedabad, India

Bachelor of Engineering in Electronics and Communication, GPA: 3.92/4

Jul 2007 - Aug 2011

## SOFTWARE ENGINEERING EXPERIENCE

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**Software Developer Intern**, DST Systems, Boston, MA

Jun - Jul 2016

- Implemented new features of the application using ColdFusion and AngularJS
- Fixed minor, major and critical bugs in the application

**Software Engineer**, Tech Mahindra Ltd., Mumbai, India

May 2012 - Jul 2015

- Collaborated with client for gathering requirements, design, implementation and test plan
- Proposed, designed and implemented the network-view module of the application
- Refactored and optimized the data-loader module of the application by 40%
- Raised the application productivity by 5% by expanding the existing rest-based APIs and SOAP web-services
- Languages used: Java, JSP, HTML, CSS, JavaScript, JQuery, C#, D3JS, Hibernate, ExtJS

**Software Engineer**, Baroda Informatics, Vadodara, India

Jan - May 2012

- Developed new and enhanced the existing application modules using J2EE, JavaScript and Oracle database
- Worked onsite with clients to deliver time-critical projects

## SOFTWARE APPLICATION PROJECTS

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**Calls to disconnected telephone number as an economic indicator**

Mar - Apr 2016

- Created a python tool to plot relation between the number of calls to disconnected telephone number and predicted unemployment rate/population for a specific US state

**Campustry** - [www.campustry.com](http://www.campustry.com)

Sep - Dec 2015

- Built a socio-academic networking web application with PHP, MySQL, Bootstrap and JavaScript
- Registered more than 500 students with the application

**Distributed Version Control System**

Sep - Dec 2015

- Designed, developed and unit-tested the user interface module of the Ruby-based application
- Prepared requirements and design specification document

**Automated Library System**

Aug - Oct 2012

- Led a team of five members for the design and development of a web-based library portal
- Implemented the design using Java and JavaScript and was responsible for the overall project management

## TECHNICAL SKILLS (Ordered by level of proficiency)

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**Languages:** Java, JavaScript, HTML5, CSS, jQuery, ExtJS, Python, AngularJS, ColdFusion, Spring(Core & MVC)

**Tools:** Eclipse, SQL Management Studio, Visual Studio, SVN, Git, WebStorm, JUnit, Jira, Jenkins, Maven

**Databases:** MS SQL Server, MySQL, SQLite, Oracle, PostgreSQL

**Operating Systems:** Windows (7, 8, 10), Linux

## AWARDS

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- **Scholarship:** 50% tuition scholarship for the impressive academic record, University of Rochester Aug 2015
- **ACE:** Annual award for consistent high performance, Tech Mahindra Ltd. Mar 2015
- **Pat on the Back:** Award for playing a crucial part in the project's success, Tech Mahindra Ltd. May 2013