

KAILASH JOSHI

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SOFTWARE ENGINEERING QUALIFICATION

- Full-Stack Software Engineer with over 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

University of Rochester, Rochester, NY

Master of Science in Computer Science, GPA: 3.6/4

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

Software Developer Intern, DST Systems, Boston, MA

Jun - Jul 2016

- Was involved in the continuous integration application development
- Fixed minor, major and critical bugs and implemented new features of the application
- Assisted the QA team to figure out the best approach to test certain kinds of bug fixes
- Languages used: Java, JavaScript, ColdFusion, CFScript, AngularJS

Software Engineer, Tech Mahindra Ltd., Mumbai, India

May 2012 - Jul 2015

- Collaborated with client for gathering requirements, design, implementation and test plan
- Proposed and designed an important module (network view) of the application and then implemented it using the Graph data structure and the Depth-First Search (DFS) traversal algorithm
- 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
- Integrated our network management software modules with the VMware vCops APIs to facilitate network traffic analysis through vCops platform
- 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 on time-critical projects

SOFTWARE APPLICATION PROJECTS

Campustry - 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 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)

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

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

Databases/OS: MS SQL Server, MySQL, SQLite, Oracle, PostgreSQL, Windows (7, 8, 10), Linux

AWARDS

- **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