

Harshad Kulkarni

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EDUCATION:

M.S. Software Engineering, San Jose State University, CA, USA (Aug 2014- May 2016) **GPA 3.43**

Bachelor of Engineering in Computer Science, Shivaji University, India (July 2006-May 2010) **GPA 3.43**

SUMMARY:

- 4 years of experience in developing enterprise web applications with **JAVA** and **J2EE** technologies, object oriented programming concepts, database concepts and **agile** development model.
 - Technical Skills:** Java, C, C++, C#, Struts, Spring, Hibernate, JavaScript, JQuery, HTML5, CSS, Bootstrap, Ajax, Node.js, high charts, D3.js, Junit, php, MySQL, Oracle, MongoDB, DynamoDB.
 - Experience in **Android** Application Development and **Windows 10**-application development.
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WORK EXPERIENCE:

Employer: Intel (Software Engineer Intern)

(June 2015-Aug 2015)

Worked on a Mobile Device Management product development for Windows 10 devices using **C#** and **SOAP** web services to target device management and enrollment. Studied Windows 8.1 Mobile Device Management protocol in detail and developed a windows 10 universal app to gather device attributes information.

Employer: Accenture (Software Engineer)

(Oct 2013- Aug 2014)

Project: Lifelens V2 (Java, JSP, JavaScript, Spring, Oracle, JUnit, Struts, WebSphere, Servlets)

- Implemented a wealth management web portal for a financial services company which provides a solution to manage the benefits which employees get at their workplaces.
- Implemented business logic using **Struts** and **Spring** framework, **Java** and **SQL** stored procedures.
- Wrote quality test cases using **JUnit**. Developed GUI using JSP, HTML, CSS and JavaScript.
- Optimized SQL queries to reduce the report extraction time to half. Identified and fixed security loop holes in the application.

Employer: IGATE (Software Engineer)

(Oct 2010-Oct 2013)

Project: AE Broker / Agent Benefits (Java, Struts 2.0, Hibernate 3, MySQL, JUnit, Maven, HTML, CSS, Tomcat)

- Implemented and maintained a web based system for an insurance company, which specializes in quality services for, brokers, agents and policy members to manage various benefits.
 - Implemented the business logic and server side validations for broker module using **Struts** framework and various design patterns. Created user interface using **JSP** and performed validations using **JavaScript**. Defect logging, tracking and prevention. Implemented the logging mechanism using **Log4j**.
 - Implemented the data access logic using **Hibernate** object relational mapping framework.
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CURRENT ACADEMIC PROJECTS:

PhotoMate: (Android, Node.js, Amazon EC2, Facebook sdk, MongoDB)

Implemented an android photo sharing app using which a user can login with his facebook account, click and store pictures, share them with friends.

SmartReceiptEditor: (Android, HTML5, JQuery, JavaScript, Node.js, AJAX, Bootstrap, D3.js, highcharts)

Implemented an android application and a highly responsive web application which uses Optical Character Recognition to scan a receipt to fetch item and prices in an editable format. This application stores the expenses and maintains analysis report of user's expenses and shows the expenses report to the user in different chart formats.

Watchdog for electronic devices and appliances: (AngularJs, Android, Node.js, MongoDB, Apache Spark):

Implementing a web and mobile application which monitors health of electronic devices and appliances and predicts future health issues a device may face based on usage pattern.