

ANKIL NAIK

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Summary

Computer Science Graduate student with a professional experience of about 1.5 years who can bring a diverse skill set and creative drive to software application development. Proficient at writing code in various languages who is driven by the passion of acquiring new skills. Efficient team player with experience working in SCRUM teams in an AGILE software development environment.

Education

- M.S in Computer Science - New Jersey Institute of Technology, USA** Anticipated Dec 2016
- B.E in Computer Engineering - University of Pune, India** May 2013

Professional Experience

Software Engineering Intern - Forbes, USA May 2016 - Aug 2016

- Implemented various types of tracking like click, scroll, etc. for monitoring user traffic on Forbes website using JavaScript, jQuery, Google Tag Manager and Google Analytics.
- Created multiple components, directives and services in an AngularJS application.
- Worked as a Front-End Developer using technologies like AngularJS, HTML5, Bootstrap, Git, Phabricator, JIRA, etc.
- Technologies Used: *AngularJS, Google Tag Manager, Node.js, REST, JIRA, Git*

Research Team Member - New Jersey Institute of Technology, USA Jan 2016 - Present

- Created a Web application using MVC architecture to facilitate learning of Cyber Security using concept of web semantic and ontologies. Used API of various sources such as Google, Twitter, etc. and integrated them together at one location.
- Developed RESTful web services that interacts with above mentioned external APIs like Google, Twitter, etc.
- Used phpMyAdmin as the database and deployed on Amazon Web Services RDS.
- Currently using Apache OpenNLP packages for extracting Nouns, Verbs, etc. from a pool of data to show them on the web pages.
- Technologies Used: *Java, J2EE, HTML5, Bootstrap, JavaScript, jQuery, AngularJS, SQL Server, REST, AWS Cloud*

Software Engineer - Gujarat Computer & Softwares Ltd, India Jan 2014 - Nov 2014

- Developed Iris Time and Attendance software that integrates with MySQL Server and allows you to build and manage a database of your employees to validate an iris scan with the existing records to identify an employee accurately.
- Wrote MySQL query plans required to prepare employees' weekly and month attendance count.
- Technologies Used: *Java, J2EE, Eclipse EE, MySQL Server 5.6*

Technical Skills

Languages	:	Java, J2EE, C, C++, SQL
Web Technologies	:	HTML5, AJAX, JavaScript, jQuery, AngularJS, Node.js, XML, CSS3, Bootstrap, SASS, JSON, REST
Databases	:	MongoDB, MySQL, Aqua Data Studio, SQL Server, phpMyAdmin
Project Management Tools	:	JIRA, Basecamp, MantisBT
Tools & IDEs	:	Tomcat, Eclipse, NetBeans, Google Tag Manager, Google Analytics, Visual Studio, Phabricator
Version Control	:	Git

Projects

User Management System - MongoDB, Express.js, AngularJS, Node.js May 2016 - Aug 2016

- Developed a Web application that allows a user to Create, Read, Update, Delete Contacts and To-dos using MongoDB.
- Developed a RESTful API Server as a mode of communication and designed the Front-End using Bootstrap.

Online Chat-Shared Whiteboard System - Java, Swing, Eclipse EE Feb 2016 - May 2016

- Developed an Online Chat-Shared Whiteboard System which allows users to chat and draw with each other in real time.
- Implemented Socket programming to facilitate communication between the client and the server.

Sorting Deck of Cards - Java, Hadoop, Map-Reduce, Amazon EC2 Sep 2015 - Dec 2015

- Implemented a Map-Reduce based approach in Hadoop to find the missing cards from a deck of cards.
- Designed an algorithm in Java that would take an input file and deliver the missing number of cards.

Banking Management System - Java, phpMyAdmin Feb 2015 - May 2015

- Developed a multi-threaded server for accepting concurrent request from the client.
- Developed a windows application using Swing for client to perform operations.
- Used socket programming for client-server communication leveraging object serialization concepts.

Web Meeting and Desktop Sharing - Java, C, Apache Tomcat, NetBeans, GSM Modem Jan 2013 - May 2013

- Developed a Windows application for people wanting to have distant meetings with features like Chat, Talk, File Transfer, etc.
- Designed the GUI using Swing and enforced security features like OTP along with RSA algorithm to encrypt messages.