



Career Portfolio provided by Beyond.com

Software Engineer Intern

San Jose, CA 95112

Member Number: 50508029

Portfolio: <http://www.beyond.com/people/50508029>

Professional Information

Job Function: Information Technology

Education: Post Graduate Degree

Experience: 1 – 3 Years

Employment: 2106, Part-Time, Any Position Type

Salary: \$10-150k

Security Clearance: None

Resume

Objective – Seeking for a Co-Op or an Internship in the field of Software Engineering

Education

· Master of Science in Computer Science (GPA - ***) Expected Dec'***

San Jose State University, San Jose, CA

· Bachelors in Computer Engineering Jun'***May '***

University of Pune, Pune, IN

Division: First Class

Relevant Coursework

- Design and Analysis of Algorithm
- XML and Web Intelligence
- Advance Database Management
- Distributed and Cloud Computing
- Information Retrieval & Search Engines
- Object Oriented Model & Design

Technical Skills

Core Languages - C, C++, C#, Core Java, Python, Visual Basic, COBOL.

Databases - Oracle 9i and 11g, MySQL, SQLite, MongoDB.

Web Development Languages - HTML5, XML, XAML, JSON, CSS3, JavaScript, jQuery, Ajax.

Mobile Development - Windows 7 Mobile (C# and XAML), Android & iOS (jQuery Mobile & HTML5 using PhoneGap Framework)

Cloud Services - AWS, Microsoft Azure, Google App Engine, GoGrid, Salesforce.

Development/Productivity Tools - Microsoft Visual Studio 2010 & 2012, Eclipse, Automated Build Studio.

Development Methodologies - SCRUM, Agile Development, Rapid Application Development, TDD.

Professional Experience

Graduate Student Assistant SJSU Research Foundation Nov'2013-Present

- Working as a Graduate Student Assistant under professors at SJSU Research Foundation.
- Work is mostly related to helping these professors design a new course curriculum for upcoming semester which would help train and teach students in being next Cyber Security professionals.
- It also involves getting university NSA accreditation for this and other related courses.
- Also, it involves development of university website for this purpose wherein I learned to work using Python and also my JavaScript, HTML and CSS skills are being used.

Summer Intern SoftKoash Solutions, India June'2013-Aug'2013

- Worked on couple of mobile apps based on PhoneGap Framework using JavaScript, jQuery Mobile and HTML5 skills.
- Also, developed pure Windows Phone Apps using my C# and XAML skills.
- At the end, I was also part of administration and learning team for implementing an online shopping cart application based on WordPress CMS where my PHP, JavaScript, HTML skills were used and enhanced.

Engineer Product Development SunGard Global Services, India Jun'2014-Jan'2015

- Worked on couple of projects during my tenure with SunGard – AdaptivOps, SunTrade and ANTHEM.

Adaptiv "Operations" June'2014-Jan'2015

- Worked a bit on addition of Web-based UI project for the current Windows Form UI.
- Also, worked on process management in which fixed bugs for shipped versions and also automating & analyzing the nightly builds & test processes using Automated Build Studio.
- Mostly worked on Microsoft .NET Framework and also used other developmental tools like Automated Build Studio, Perfomance followed Test Driven Development.

SunTrade Feb'2015-June'2015

- Designed and developed “SunTrade”, financial portal that SunGard is working on.
- Implemented the main functionality of getting real-time Stock Market, Forex and Commodity quotes. Used various Google, Yahoo API's intensively to implement this feature.
- Another important functionality that I developed was displaying historical data of around *** years graphically and with very efficient loading time by implementing some REST APIs'.
- Mostly worked on Microsoft .NET Framework, JavaScript and CSS.

ANTHEM

Nov'***Feb'***

- Handled the legacy product 'Compass' for our client ANTHEM.
- Customized the product according to clients' requirement which included adding new functionality and fixing old one as suggested by their Analyst.
- Project mostly dealt with my COBOL and PL/SQL skills.

Project Intern

SoftKoash Solutions, India

April'*** -Jun'***

- Designed and implemented the complete front end of the online banking website.
- Also, implemented couple of Web Services to provide important functionality of displaying the news ticker and displaying account statements' page for all accounts owned by a particular user.
- Development was mostly done in Microsoft .NET Framework and also HTML & CSS.

Academic Projects

Mobile Cloud Computing

San Jose State University

Oct'***Dec'***

- Researched and implemented a heavy processing task on Mobile Cloud Environment for analysis along with developing a Windows Phone 7 App for offline environment setup.
 - Both the approaches were compared to draw out conclusions on benefits of either approach.
 - Amazon Web Services like Amazon Beanstalk, S3 and EC2 were used to deploy the app in cloud.
- Also my WP 7 App development skills and PhoneGap Framework skills were heavily used.

Analysis & Implementing TSP

San Jose State University

Jan'***Jun'***

- Researched and implemented Traveling Salesman Problem which is a NP Hard problem.
- Implemented it using various algorithm techniques like Dynamic & Approximation Algorithms.
- Carried out experimental survey and provided post analysis. Implemented the whole project in C***.

Mobile App Development

San Jose State University

May'***Jun'***

- Worked on 2 apps and won Windows Lumina for making these apps.
- First one was San Jose State University Information App (C# and XAML), second is a Converge News App(C# and XAML). These apps are published and available in Windows Phone App marketplace.

Improved Exemplar Based Image Inpainting University of Pune, India Dec'***Jun'***

- Designed and implemented an image editing software application based on an IEEE paper and a Microsoft Research Project related to the same topic called "Exemplar Based Image Inpainting".
- Studied and conducted surveys to find various algorithms to accomplish the objective task with better results and finally we came up with an improved algorithm which gave effective and efficient results.
- Implementation was all done in MATLAB, C*** and Front End was done in Microsoft .NET Framework.

Co-curricular Activities

- Participated and Won in Windows 7 phone promotion competition held at Nokia, California.
- Participated in Angel-Hack Event'*** held at PayPal, San Francisco.
- ADOBE Flex Boot Camp, Event Coordinator & Participant - Initiative by Adobe Systems in my state, India
- Aptitude Test Competition, Winner (1st Prize).
- Involved with IEEE Community for 3 years during my under-grad studies.
- CONCEPTS project presentation festival, Recognized Participants.