Himanshu Shah

Software @ Apple

Summary

Strong background in Computer Networks, Computer Architecture and Web Application development.

Languages : C, C++, Python, Java and Javascript.

Experience

Software Security Engineer at Apple

July 2015 - Present

  Can't talk much :)

Research Assistant at Stony Brook University

February 2015 - July 2015 (6 months)

  Building a distributed censorship measurement platform for data scientists for remotely conducting
  censorship measurements over the world. This platform is built using Node.js and express for the front end
  application and python for managing the distributed nodes in the backend.

  Some of the public repos are accessible here: https://github.com/iclab/

Big Data Engineering Intern at Syncsort

June 2014 - August 2014 (3 months)

  Part of an agile software development team, in which I developed a new feature for data serialization in
  the company's ETL product – Iron cluster. This was a much needed product feature asked for by multiple
  existing and prospective enterprise customers. The project was initially started by developing utilities
  in Java and C++ for serialization and deserialization; which was later integrated into the product. This
  module supported Apache Avro data serialization format that also worked on Hadoop Distributed File
  System(HDFS).

  Language: C++ and Java.

Research Associate at Princeton University

December 2012 - June 2013 (7 months)

  At Liberty Computer Architecture Research Group, I worked on compiler optimization projects for
  optimizing program execution time. I also integrated an experimental multi threaded Cache memory model
  with Gem5 simulator.

Language: C and C++

Software Engineer Trainee at iGATE Global Solutions
June 2012 - July 2012 (2 months)

Led a team of 5 and coordinated a mock e-commerce testing project; prepared reports following the IEEE 829-2008 standards.

Software Engineering Intern at Cygnet InfoTech Pvt. Ltd
June 2011 - June 2012 (1 year 1 month)

Roles included, coming up with the idea, identifying target customers, performing market research, putting together the complete set of requirements and added functionalists, managing and allocating resources to the project, developing the modules, setting and meeting milestones, integrating the modules, testing functionality against requirements, performing peer code evaluation, and documenting. This was a solo project, were I was wearing all the hats. The project was a success and was nominated by the state university for the IT awards conducted by NASSCOM due to its innovative features, and user experience.

Software Engineering Intern at SKF Group
May 2011 - July 2011 (3 months)

Roles included, understanding business processes, gathering implicit and explicit requirements, design the system, select technologies for the application, in charge of developing 2 out of the total 5 modules, Deploy the application and finally train the stake holders. This product is still being used at the plant since its first deployment.

Research Intern at Indian Institute of Management, Ahmedabad
April 2011 - July 2011 (4 months)

During this internship in a team of two, I investigated one of the state government's successful project on using alternative sources of fuel for public transportation.

Specific roles included collecting and analyzing data from various sources such as news archives, court rulings, from interviews of stake holders and statements by government officials.

Delivered a succinct report encompassing all the aspects of the government project; from problems to possibilities.

This report has provided a well defined roadmap for other states in undertaking similar projects around the country, and how to leverage private partnerships in such projects.

Report: 'Implementation of CNG autos in Ahmedabad'

Education

Stony Brook University

Master of Science (M.S.), Computer Science, 2013 - 2015

Charotar Institute of Technology, Changa GTU

B.E, Computer Science, 2008 - 2012

Amrit jyoti school

M K secondary and higher secondary

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Contact Himanshu on LinkedIn