

Aakarsh C. Nair

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- Objective** Find interesting solutions to challenging real world problems with software design and development with interest in working across different layers of abstraction.
- Education** *Bachelor of Science* Computer Science Rutgers State University of New Jersey, Piscataway, NJ, May 2005
Graduate Coursework University of California Santa Cruz, CA, Computer Architecture, Algorithms, Programming Languages
- Skills** *Programming Languages* : Java, Python, C/C++, EmacsLisp with interest in functional languages
Certifications:
UCSC Silicon Valley Extension:Linux Systems Programming
MITx: 6.004x,6.002x: Computer Architecture and Circuit Theory
USCD : Data Structures and Algorithms,
EPFL: Functional Programming in Scala: Principles, Design and Parallel Algorithms
- Experience**
- Root Engineer/Software Developer* September 2015 - Feb 2016
Qualcomm , Boulder, CO
- Contract position on root team dealing debugging/triage and analysis of issues with Qualcomm upcoming ARM based multi-core(24,48-core) Centriq-2400 server chips and their integration with the Linux Kernel.
 - Work on improved scripts to better analyse and gathering of log and crash data to bisect failures over different chip and kernel modifications and provide day to day support.
 - Work with kernel and firmware developers to facilitate release of chips and code lines to cloud and operating systems vendors to provide debugging and root cause analysis and support during ongoing kernel and processor development.
- Software Developer* November 2010 - August 2011
E! Entertainment, Los Angeles, CA
- Implement Web Search and Indexing Solution using open source technologies like Apache Solr, Hibernate across E! Entertainment media assets.
 - Complete demonstration project for integration of E! Entertainment media management system with third party media dashboard using JMS and Spring Messaging.
 - Work on the day to day maintenance and development of E! Entertainment Media Management Web frontend and backend system written in JSF. Hibernate, ExtJS,and other web technologies
- Software Developer* August 2008 - August 2010
Impact Radius Inc, Santa Barbara, CA
- Work on team to launch start up trying to increase transparency and improve decision making for media partners, advertisers and agencies in the online performance advertising industry.
 - Work with an array of open source technologies such as Spring, Spring Webflow, ExtJS,Hibernate in implementing front-end and back-end infrastructure.

Software Developer

February 2006 - August 2008

Zobrist Consulting Group, Los Angeles, CA

Worked as application developer in Zobrist Consulting Group a startup helping small and medium businesses implement e-commerce solutions.

- *Republic Indemnity Company of California*

Websphere Portal development on Data Views project to help provide a web based front end to allow insurance agents to asses insurance policies up for renewal. Using technologies like Apache iBatis,JSF based portlets and dojo javascript framework.

- *Interamerican Motor Corporation*

- Developing business logic for electronic data interchange subsystem used to allow business partners to place purchase orders for automotive parts over various synchronous and asynchronous messaging protocols using JMS, webservices etc.
- Use Websphere administration jython scripts to perform application management and server configuration management in clustered web-sphere application server environment.

Other

- Citizenship Status: US Citizen
- Relocation: Willing to relocate.
- References: Will be provided on request.