

Kunal Cholera

EDUCATION

University of Southern California - M.S in Computer Science GPA - 3.56 2007 – 2008
University of Mumbai - B.E in Information Technology GPA - 3.80 2003 – 2007

RESEARCH PAPER - Distributed Denial of Service Attack mitigation architecture. Dec 2008

RELEVANT COURSES

Distributed Systems Artificial Intelligence User Interface Design Database Systems Algorithms
Data Structures Software Engineering Computer Security Computer Networks

SKILLS

Java, C++, Perl, XML, XSLT, Web Services, Ajax, JavaScript, SQL, SVN, UML, Linux

ACADEMIC HONORS

1st Rank in Information Technology Department, VESIT, Bachelors of Engineering – Mumbai University.

PROFESSIONAL EXPERIENCE

Software Engineer - Synctree LLC, Los Angeles, CA May 2008 - Present

- **Fox Sports Mobile Microsite**
 - * Developed cross browser compatible accordions and engineered the integration of web site components.
 - **Smart Mobile Web Proxy**
 - * Implemented mobile phone emulator for an existing mobile content website.
 - **RSS Importer**
 - * Engineered a Perl script to extract RSS Feed contents, to generate blogs on Synctree Platform.
 - **PHPFox -> Synctree Platform Data Migration Application**
 - * Used web services API's to import data from PHPFox's proprietary DB into Synctree Platform.
 - * Technologies used : Perl, MySQL, REST
 - **Media Classifier (Video and Photos)**
 - * Developed classification engine to assist in classification of photos and videos.
 - **XML Web Service API**
 - * Developed XML based Web Services API for Synctree Platform to integrate with Inter casting Corporation.
 - * Technologies used: Ruby on Rails, REST, XML
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PROJECTS

Dec 2006 - Present

- **P2P Group Chat Application**
 - * Implemented multithreaded distributed systems group chat application in Java.
- **Interactive Map Query Engine**
 - * Developed GUI interface to query spatial data objects on USC map, using Java Swing and Oracle database.
- **RSS Feed Reader**
 - * Implemented XML Parser on NY Times feeds and developed a web interface for feed content navigation.
- **Robot Fly - Fuzzy logic Controller**
 - * Designed a set of fuzzy logic rules, to maneuver a robotic fly route between predefined goal posts.

WORK AUTHORIZATION

Authorized to work full time for any employer, from 2nd Feb 2009 on valid Employment Authorization Card.