

UTSAV PATEL

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EDUCATION

Master of Science in COMPUTER SCIENCE, University at Buffalo (SUNY)
GPA: 3.70/4.0

AUG 2014 - FEB 2016

B.Tech. in INFORMATION & COMMUNICATION TECHNOLOGY, DA-IICT, Gandhinagar, India

2010 - 2014

EXPERIENCE

Software Engineer, GoToMeeting

MARCH 2016 - PRESENT

CITRIX, San Francisco

- Used KnockoutJS and Durandal framework to develop multiple features and maintain GoToMeeting web app (app.gotomeeting.com)
- Added multi-browser support (Firefox, IE 10-11, Edge) and developed GoToMeeting ChromeBox Kiosk app.
- Brought ideas to the table to reduce meeting and audio connection time. Successfully reduced computer audio join time under 30 sec for 99% users.
- Configured Catchpoint, Google Analytics and internal telemetry system to monitor features usage and performance.

PROJECTS

A Dynamo style NoSQL database service

MAR - MAY 2015

- A key-value storage system in Android using content providers, SQLite database and emulators as nodes.
- Provided linearizability and availability at all nodes using chain replication algorithm in the multithreading calling methods (i.e. insert, delete, query).
- Also implemented Ping-ACK algorithm to detect node failure and recovery.

Personalized Search Engine for News Articles

OCT - DEC 2014

- Indexed 3000 news articles in Solr and created a website using PHP and AJAX to search for articles.
- Incorporated click-based personalized content delivery by recording user's news preferences and clicks in XML and ranked search results in JAVA using cosine similarities between user preferences and news articles.
- Highly correlated news articles were forwarded to the web pages using PHP-JAVA Bridge to deliver personalized results to each user.

UberHoot: An Uber way to connect people

SEP 2015

- As a part of the 36 hours' hackathon (BigRedHacks, Cornell University), created an Android chat application that exclusively connects passengers riding in Uber.
- Using the Parse cloud and database service on the server, implemented an algorithm that connects passengers according to their interests similarity, preferences, destinations, and location proximity.
- Used Uber's OAuth 2.0 standard API to authenticate users and get their ride information.

TECHNICAL SKILLS

Languages (Proficient): Java, Javascript (ES6)

Languages (Familiar): C, Ruby, PHP, Python, R, Shell, Perl, SQL, HTML, ARM

Tools and Technologies: HTML, CSS, jQuery, React, Webpack, Durandal, KnockoutJS, Mocha, Chai, RequireJS, Rails, Solr, Git, Eclipse, MATLAB, PostgreSQL, SQLite