Prasad Thondamuthur Vasanth

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Education

NYU Polytechnic School of Engineering, Brooklyn, NY
Master of Science in Computer Science — May 2015
Visvesvaraya Technological University, Belgaum
Bachelor of Engineering in Computer Science — August 2009

Technical Skills

Programming Language: *Advanced:* JavaScript, Java, SQL *Intermediate:* C++, HTML, Groovy, Python, Objective C
Databases: Oracle 10g/11g, My SQL, MongoDB, Redis
Operating Systems: Linux, Windows, Android
Tools: Eclipse, NetBeans, Git, SVN, Android Studio, IntelliJ, Web Storm, VIM

Academic Projects

Classified!: It is an app which allows for secure communications between a group of users. The Idea is to keep information Classified to a group of users. Developed mainly for Android platform.
Roles: Design, Development and Testing
PhotoBook, NYU Polytechnic School of Engineering: It is a photo sharing website, much like Pinterest. It was implemented using PHP, HTML, CSS, Javascript and jQuery.
Roles: Design, Development and Testing
Interactive mockups for evaluating soft keyboard layouts, NYU Polytechnic School of Engineering: To compare some feasible alternatives and check if there is an on-screen keyboard for hand held devices (Android) which can replace QWERTY keyboard.
Roles: Interactive prototype creation, user tasks creation, usability tests, documentation
Easy Campus, Visvesvaraya Technological University: It is a tool for organizing and scheduling college events, help professors to prepare (digital) tests, help the students to take the tests, grade the answer sheets and generate reports. It was implemented with Java.
Roles: Design, Development and Testing

Experience

Priv Inc., New York, US — June 2014 → December 2014
Designation: Developer

- Designed and built an Android and iOS apps using google provided design guidelines
- Worked with Node.js webserver with MongoDB and Redis as backend databases
- Implemented Rest API using node modules on the backend
- Connected the mobile apps with many of Google cloud services like Places, Distance Matrix etc
- Connected the mobile apps to Push Notification Systems(Parse.com) and websockets(pusher.com)
- Leverages Amazon Web Services using features such as S3 buckets for cloud storage
- Uses Crashlytics for tracking app crashes and issue tracking

New York University, New York, US — February 2014 → May 2014
Designation: Teaching Assistant for Design and Analysis of Algorithms
Responsible for aiding the professor in creating new problems for algorithms class Homeworks and test papers, grading them and resolving doubts when students approach.

Capgemini, Bangalore, India — May 2012 → July 2013
Project: SPADE Client: Capgemini, Application: Sales application
Designation: Consultant

- Collected requirement from clients with one-on-one discussions and proposed Solutions
- Developed High Level Designs, low level Designs and worked with the development team to implement the solutions
- Developed solutions which meet the requirement using VB Script, JavaScript, C, C++, Java, SQL and Siebel Workflows

Tata Consultancy Services (TCS), Chennai, India — Dec 2009 → April 2012
Project: Care Front End (CaFE) Client: NOKIA, Application: Partner Management and Partner Portal application
Designation: Systems Engineer

- Converted High level Designto Low Level design and Developed solutions which meet the requirement using JavaScript, C, C++, Java and Siebel and Created SQL
- Worked as Team Lead during enhancement phase to provide Knowledge Transfer and groomed resources to support the project

Competition

Participated in Infosys Aspirants Programming Contest and won 1st Prize in Zonal level in Bangalore 3 Zone conducted in year 2008