

GANESHBABU THAVASIMUTHU

1000 W Mitchell Street, Arlington, TX, 76013 • (682) 313-9472 • ganeshbabu.thavasimuthu@gmail.com

PROFILE

Graduate student in Computer Science who is passionate about developing innovative products or solutions. Enthusiastic programmer and a team player with four years of professional experience in developing web and mobile applications.

- LinkedIn Profile : <https://www.linkedin.com/in/ganeshbabu91>
- Public code repository : <https://www.github.com/ganeshbabu91>

EDUCATION

MS in Computer Science · University of Texas, Arlington, (August 2016 - Present)

Courses Analysis and Design of Algorithms · Special Topics in Intelligent Systems/Human Computer Interaction · Web Data Management.

Bachelor of Engineering (BE), Computer Science and Engineering · Anna University, Chennai, India, July 2012

Paper Parasitic Computing - A novel approach for producing efficient systems.

Projects XML based Heterogeneous Database Access System · GENIES Web Application (Generating Infinite Employment at Speed) for IBM TGMC · Web Application for Programming Challenge Event at Paradigm, national level technical symposium.

WORK EXPERIENCE

Sirius Computer Solutions : Solutions Developer (July 2012 - July 2016, Chennai, India)

Software solution design, architecture and development using J2EE technologies. More specifically on top of the IBM software stack. Led small sized projects and coordinated with on-shore counterparts for effective delivery of enterprise class solutions.

- Family Collaboration Portal - Developed a web portal for family members to collaborate among each other.
- Enterprise Portal For a Leading Fashion Company - Developed a portal for employees to collaborate among each other.
- Workforce Portal For a Leading American Hospital - Developed a web portal which provides an integrated experience to the Hospital's staff by combining information from various sources.
- Church Ordering Portal - Developed ecommerce platform to sell books. Specifically built a search module with variety of filters to narrow down the products to the interest of end users.
- Social Widgets For a Fortune 500 Company - Developed a widgets for twitter, meetup, youtube and IBM support sites.
- Password Management Application - Developed an asset that integrates forgot password and reset password facilities into the existing IBM Portal/Connections environments.
- Event Administration Application - Developed a mobile application for managing the events in any organization. Also developed a web application through which events can be uploaded and pushed to the mobile app.

PROJECTS

Hackathon projects : (March 2014 - March 2015)

- FB Messenger Bots - Developed bots for Facebook Messenger for ecommerce domain. Technologies : FB Messgener API, Wit.AI and Node.JS.
- Vryon (Virtual Try On) - Exhibited at NRF 2015, New York. Integrated IBM WCS and Microsoft Kinect for consumers to virtually try on clothes before buying. Technologies : C#, .Net and Microsoft Kinect V1.
- MyCity - Developed a platform that can be used by people in the city to make the city a better place to live. This is a prototype developed as a part of Save the Hacker, 36-hour hackathon at FreshDesk that received a great recognition and hosted in lot of blogs and articles. Technologies : NodeJs, MongoDB, Amazon AWS and JQuery.
- Heroes - Developed a women safety mobile application which when activated by a person, triggers distress signal to the nearby police station. Technologies : Apache Cordova, JQuery Mobile, MongoDB and Node.JS.
- OrgPlay - Enterprise gamification system to keep employees motivated and grow in their career. Technologies : Node.js, Express, MongoDB, Angular, Ionic, auth0.

TECHNICAL SKILLS

- Programming : Java · JavaScript · C · Python · SQL
- Operating Systems : MacOS · GNU Linux (Ubuntu, Fedora) · MS Windows.
- Frameworks : Node.JS, AngularJS, Express, Spring, WebSphere Portal, Connections, Worklight
- Mobile Technologies: Phonegap, Ionic, Native Android, IOS
- Databases: MongoDB, MySQL, DB2, Oracle
- Others: GIT, Apache Sling, Wordpress, Unity

WORKSHOPS AND TALKS GIVEN

- Speaker at IBM Connect Florida 2016 on the topic "Rethinking Mobile Digital Experience" (January 2016).
- Speaker at AllSpark India on the topic Manage your mobile application content CMS using Apache Sling (August 2015).
- Conducted a workshop on Android Native Application Development for SSN college students (March 2012).

HONORS AND AWARDS

- Codes and Gears 2016 hackathon First prize for live demonstration of Bots for Facebook Messenger (April 2016).
- Received organization wide accolades for Virtual try on system using Microsoft Kinect. (May 2014).
- Awarded cash incentive of 1 lakh INR for outstanding contribution to the company (July 2014)
- First prize on paper presentation at National Level Technical Symposium by Saveetha University (July 2011).
- First prize on code obfuscation event at National Level Technical Symposium by Saveetha University (July 2011).