SAILAJA GAJULA

Bloomington, IN   gajula.sailaja@gmail.com   216-816-4686

One year of experience in Java with strong android development skills. Quick learner with ability to work in fast-paced environment. Enjoy working in a team and able to work independently. Objective is to work in competitive and encouraging environment where I can improve my personal and professional skills.

ACADEMIC CREDENTIALS:

Indiana University, Master of Arts in Mathematics, Bloomington, IN	2016	3.44/4.00
Includes Graduate Computer Science courses: Java Script, PHP, Systems and Protocol Security and Cryptographic Protocols		
Cleveland State University, Master of Science in Mathematics, Cleveland, OH	2014	3.94/4.00
Jawaharlal Technological University Kakinada(JNTUK), Bachelors of Technology in Computer Science & Engineering , Andhra Pradesh, India	2011	3.40/4.00

Academic Honors:
- Received a **Teaching Assistantship** and **Fellowship funds to conduct recitation classes for 25 students, teach a class of 20 students** and **help professors with grading and proctoring** throughout academic career at Indiana University, Bloomington, IN
- Presented with a **Graduate Assistantship** to tutor **undergraduate students** and **improve WebWork**, a online homework system, for academic calendars 2014-16 from Mathematics department, Cleveland State University, Cleveland, OH
- Awarded 1st **Prize** in **C-Programming contest** conducted by Indian Society of Technical Education, India
- Awarded as the winner in **Problem solving competition** conducted by American Society of Mathematics in Cleveland State University, Cleveland, OH

EXPERIENCE:

Java Full Stack Developer, *QueCut Corporations, Bloomington, IN*   **Oct'2016 - Present**
- Successfully developed, debugged and deployed a **web based application** called "QueCut " which provides an affordable, convenient and efficient solution that enables independent salons to compete with chain salons.

Tools, Technologies and Frameworks used: Eclipse IDE, Tomcat Server, MySQL, Java, JavaScript, JSP, CSS, HTML, JQuery and AngularJS

Android Application Developer, *Independent project, Bloomington, IN*   **Jun'2016 to Sep'2016**
- Independently developed and published an **android app** called "SleepMode" which allows user to customize device settings at desired time and revert back to original settings at later desired time. This app helps user to save battery and avoid unnecessary disturbances during key timings.

Tools and Technologies used: Android Studio and Genymotion

Web Application Developer, *Bachelor's exit project, JNTUK, AP, India*   **Jan'2011 - Jun'2011**
- Significantly contributed in a **web based application** called "Anti Phishing in Internet Banking**"** which provides security in internet banking through methods image filtration, personalization & onetime password

Tools and Technologies used: Eclipse IDE, Tomcat Server, MySQL, Java, JavaScript, JSP, CSS and HTML

CORE SKILLS:

Languages	Java, C++, PL/SQL, SQL, C and Assembly language
Front-end Technologies	Javascript, JSP, HTML 5 CSS 3, JQuery and AngularJS
Web Services	SOAP and RESTful
Server	Tomcat Apache
Databases	MySQL 5.0 and Oracle
Tools:	Eclipse IDE, Android Studio, Genymotion and GitHub

ACTIVITIES and CERTIFICATIONS:
- Received a course certification in **R-programming** from Johns Hopkins University
- Completed first level course in **Japanese**

SIGNIFICANT ACHIEVEMENTS:
- **PUBLICATION: Tropical determinant on transportation polytopes (**with Ivan Soprunov and Jenya Soprunova**) Linear Algebra and its Applications 475 (2015) 28-44**
- Maintain a **YouTube channel** with ~3000 views in last 6 months on resolving common errors
- Participated in **"Assistive Technology Lab",** which was intended to help physically & mentally challenged people on the project 'Musical puzzle' as **team leader** awarded 1st prize for the Paper Presentation