Girish Krishnamurthy

Personal Information:

Date of Birth:	2nd May 1995
Gender:	Male
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Education:

Course	Graduation Year	Institution	Marks/CGPA
Bachelor of Engineering, Computer Science and Engineering	**2017 (expected)**	**P.E.S Institute of Technology, Bangalore**	**8.76 (/10 over 3 semesters)**
Class 12 – All India Senior School Certificate Examination (CBSE)	**2013**	**C.M.R National Public School, Bangalore**	**93.8%**
Class 10 – All India Secondary School Examination (CBSE)	**2011**	**C.M.R National Public School, Bangalore**	**9 (/10)**

Skills:

Languages Known:

English, Tamil, Hindi, Kannada

Technology Stacks:

- Proficient in C (3 years of study)
- Proficient in C++ (4 years of study)
- Proficient in Java (6 years of study)
- Proficient in Android
- Proficient in SQL
- Acquainted with HTML, CSS,
- Comfortable with Discrete Mathematics, Database Design, Linear Algebra, Analysis and Design of Algorithms, Data Structures

About:

An enthusiastic, energetic individual with varying interests, looking for interesting challenges and opportunities. Keenly interested in music. Fascinated by technology. Active contributor/volunteer/organizer in all clubs/activities/events in school/college.

Research Interests:

- Social Media Analysis
- Textual Data Analysis

Experience:

Member, Technical Staff at Ordell Ugo (March 2014 – Present)

Ordell Ugo is a virtual company that solves real world problems.
Worked on a project titled "Auto Aggregation of Audio" under Prof. Nitin. V. Pujari, Head of Dept. of CSE, PESIT, to provide "in-context classification" of music libraries to apply content-based tagging on tracks.

Communication Lead, IEEE Bangalore Section Student Activities Committee (March 2015 – Present)

The Student Activities Committee (SAC) is involved in conducting events and activities for the student members as well as the young professionals of IEEE Bangalore Section.
The Bangalore Section covers all colleges across Karnataka and the SAC is responsible for organizing various annual high profile events like the IEEE Student Leadership Congress, IEEE All India Student Congress etc.

Significant Achievements:

First Place in Ayana 2015

Ayana is a 24 hour hackathon that brings together developers from various colleges to develop a prototype of their brilliant ideas.
Developed a crowd sourced technical support model to connect smartphone users who are not acquainted to technology to technically proficient users to solve their problems visually on their smart phone with the help of screenshots and pointers on the screen.
Built a working prototype in less than 24 hours and won the first place.

Development Experience:

Among numerous apps developed, here are a few significant ones:

QQC

Developed and published an app for the official quiz club, Quotient Quiz Club, of PES University.
Play Store link: https://play.google.com/store/apps/details?id=com.pesit.qqc

IEEE PES

Developed an app for the IEEE Student Branch of PES University.
Play Store Link: https://play.google.com/store/apps/details?id=com.pesu.ieeepes

Albatross Karaoke

Developed an app for Albatross Productions to process and play .kfn files on Android by parsing it into its .mp3 and .lrc equivalents and playing the karaoke on an interactive media player.
Play Store Link: Will be available soon.

Projects:

Social Media Analysis and Interest Matching

Obtained social media data from Facebook and used NLP algorithms to judge the person based on his electronic content and match him with people of similar interests.

Rubik's Cube Scrambler and Solver

Devised an algorithm to effectively solve a Rubik's Cube in least possible time and also produce non-trivial scramble sets.

House/Apartment Recommendation Algorithm

 Wrote an algorithm (with an Android/PHP implementation) to recommend a locality to purchase a house in. It takes into consideration points of interest (workplace, schools, hospitals), food preferences (favourite cuisine, extroverted nature, via Facebook Check-ins), Culture of the neighbourhood (Personality matching after semantic Analysis of Facebook Posts) and Distance (Mean travel time of all points from centroid of convex hull formed by the points). An in-detailed explanation can be found at http://goo.gl/CeR8VD

Phone Bridge

 The aim was to create an Android application that acts as a combination between Stack Overflow and Team Viewer for mobile phones – To aide people with minimal experience in using phones to use their smartphone efficiently. To bridge the gap between owning a smartphone, and using it. An in-detailed explanation can be found at http://goo.gl/I3yhi1

Guitar, Drums, Keyboard, Quizzing, Rubik's Cube

Family Details:

Father: S Krishnamurthy, ex-CEO, TTK Healthcare TPA Pvt Ltd, Bangalore

Mother: S Jayalakshmi, Manager, Marketing, Indian Telephone Industries Limited, Bangalore

Brother: Harish Krishnamurthy, Associate Manager, Tredence Analytics Solutions Pvt Ltd, Bangalore