

ROOPPESH SARANKAPANI



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SKILLS

ANDROID	★★★★★★★★★★★
PYTHON	★★★★★★★★★★★
JAVA	★★★★★★★★★★★
SQL	★★★★★★★★★★★
C++	★★★★★★★★★★★
C	★★★★★★★★★★★
HTML, CSS & JS	★★★★★★★★★★★
VIRUS CREATION	★★★★★★★★★★★

EDUCATION

B.E (CSE)	College of Engineering, Guindy
Batch of 2020	(Anna Univ)
Grade 12	Maharishi Vidya Mandir, Chetpet
Batch of 2016	(CBSE)
	91.8% (99% in CS)
Grade 10	The PSBB Millennium School, Porur
Batch of 2014	(CBSE)
	9.6 CGPA (9 in IT)

WORK EXPERIENCE

Android App Development Intern

Smarther Solutions

November 2017 – December 2017

Smarther is a leading Web & Mobile App Development Company in Chennai. Where, I got an opportunity to learn and implement projects in Android using Android SDK. Database Integration, Server-Side Integration, UI/UX Designing etc. were an integral part of the Internship. Further responsibilities included writing tech blogs for the company in the lines of Mobile App Development.

Business Research Intern

Fixello

April 2017 – May 2017

Fixello is a startup which was incubated in AU and started by our seniors, it aimed to bring the Mobile and Laptop repair services to the doorstep of the customers. Being and working in the Business Research team, the tasks primarily involved understanding and analyze the market for the company and the business models of various competitors.

Web Development Intern

KaaShiv Infotech

June 2016

As an Intern, I was trained in Web Design (HTML, CSS & Java Script) and exposed to Mobile App Development. Further, I got the opportunity to understand and enrich myself in Ethical Hacking, which included learning about Virus Creation and creating sample Viruses.

COURSES

Java Programming Duke University on Coursera Present

Learning to design algorithms as well as develop and debug programs, that access and transform images, websites, and other types of data. And understanding strings, CSV files, arrays and lists

Android Development Udemy Dec 2017

The course deals with all the concepts required to become an android developer from scratch. Which includes all basic concepts in Java. And basic concepts in Android such as Activities, Intents, Google Maps Integration, Listviews, Fragments, Navigation etc.

Python Data Structures University of Michigan on Coursera May 2017

Secured a grade of 96% in this course which moved past the basics of procedural programming and explored the use of Python built-in data structures to perform increasingly complex data analysis. Such as: Files, Strings, Lists, Dictionaries & Tuples.

Kaizen Robotics Program Lema Labs March 2017

This program was conducted by Lema Labs, in association with International and Alumni Relations, *Indian Institute of Technology, Madras (IITM)*. Where I was part of a team that successfully built these following robots in the course:

- Simple Line Follower Robot
- Obstacle AVOIDER Robot
- Table Top Robot
- Analog to Digital Conversion Based Robot
- Pulse Width Modulated Robot
- PC Controlled Robot

All the robots were built using ATmega16 microcontroller using Embedded C. We ended as the 2nd Runners Up.

PROJECTS

Sudoku Present

Currently, I'm working on an android app to generate sudoku puzzles and allow the user to solve them and verify if the provided answer is correct or not.

ByteMe March 2018

As a team of three we developed an android app, which helps customers to find the best suggestion for their misspelled medicinal drug names using a data set trained by the American Govt. Importantly, this app has the efficiency to read the list of medicines in the prescription using the camera (OCR) and search for the nearest pharmacy which has the required medicine in stock by integrating with Google Maps and Firebase. Furthermore, this app can be developed to support the supplier side as well to seamlessly turn their inventory to a mobile-first one.

DMan Jan 2018

As a team of three we developed an android app which would help a disaster victim to find the nearest point where he would be able to find important resources which would be essential at the time of disaster such as food, medicines etc. This is again done with the help of Google Maps integration along with Firebase.

Simple Calculator Dec 2017

Developed an android app for acting as a calculator, trying to imitate the Calculator provided by Android with basic features using fragments and a local database.

Tic-Tac-Toe Game Nov 2018

Developed a android app for the famous multiplayer game named 'Tic-Tac-Toe' using basic functionalities such as buttons, views, dialogs and basic java functions.

ACCOMPLISHMENTS

SAT Subject Tests

SUBJECT	SCORE	DATE
MATH 2	800	OCT 2015
MATH 1	790	OCT 2015
PHYSICS	800	NOV 2015
CHEMISTRY	780	JAN 2016

International Assessments for Indian Schools The University of New South Wales, Australia

SUBJECT	GRADE	DATE
SCIENCE	DISTINCTION	2015
MATHEMATICS	CREDIT	2015
ENGLISH	CREDIT	2015

- Secured 3rd Place in Code-N-Chaos (Coding Event) in Vyuhaa'17 conducted by CTF in CEG.

VOLUNTEERING EXPERIENCE

Residential Volunteer Hope Home, Trichy June 2016 – July 2016

Hope Home is a hostel dedicated to the hapless children run by a Non-Governmental Organization (NGO) named 'Hope of the Hopeless', where I worked for the betterment of these school going children in various ways – by helping them improve their English skills, computer skills, overall personality, exposure, general awareness, creativity, communication skills and hygiene. In addition, I also helped the organization in various administrative work (including but not limited to typing, data entry etc.) and other miscellaneous activities. It gave me a sense of fulfillment. I continue to show my support to the organization and the hostel though not physically.

LEADERSHIP EXPERIENCE

Organizer Startup Weekend–CEG Edition 2017-18

Part of the organizing team for Techstars Startup Weekend (powered by Google For Entrepreneurs) CEG Edition 2018 which is a 54-hour event designed to provide superior experimental education for entrepreneurs. Responsibilities include External Relations, Marketing and Operations.

Senior Officer Capitalize-The Entrepreneurship Club of AU 2017-18

As a part of the External Relations team, one of the primary responsibilities is to obtain sponsorships from various corporate companies for conducting the annual Entrepreneurship Fest - Enantra and coordinating between the Junior Officers.

Secretary Pixels–The Photography & Videography Club of CEG 2017-18

Coordinating between other office bearers for conducting the workshops, photo walks and other events organized by the club. Apart from mentoring juniors in the field of photography.

Junior Correspondent Guindy Times 2017-18

Contributing to the articles and posts published on Guindy Times (The Official Campus Magazine of CEG, ACT and SAP, Anna University) in various creative aspects. Felicitated for contribution to the Alumni E-News.

Event Coordinator Kurukshetra 2017, CEG Feb 2017

Worked as the Event Coordinator for an online event named 'Riddle of Sphinx' in Kurukshetra (An ISO Certified Techno-Management Fest conducted by CEG). I worked profusely for conducting and marketing for this event in both through digital media as well as directly. In addition, I also had to administrate the volunteers working for the event.